JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV

July 13, 2017

Document Processing Desk (DCI/AD)
Attention: Reevaluation Team Leader, PM 36
US EPA (7501P)
One Potamic Yard (South Bldg.)
2777 South Crystal Drive
Arlington, VA 22202

Subject: Propiconazole (Case # 3125)
Chemical # 122101
ID # GDCI-122101-1705

Janssen PMP, a Division of Janssen Pharmaceutica NV is submitting the following administrative documents to comply with generic data call-in notices for propiconazole:

- Data Call-In Response Forms
- Requirements Status & Registrants Response
- Letters of Intent for cost sharing agreement between Janssen PMP and Lanxess Corporation
- Waiver request for conventional chemical data requirements
- Waiver request for environmental fate Guidelines 835.3110, 835.3220 and 835.3240.
    - Current labels to support data waiver requests

Confidential Statement of Formulas in EPA files are current:

Product Name	Registration Number	Date of Last Approved CSF
SAFETRAY P	43813-15	Alt. 1 & 2: 8/27/2015
WOCOSEN 250 EC	43813-16	Alt. 1 & 2: 8/27/2015
WOCOSEN 100SL	43813-19	Alt. 1 & 2: 8/27/2015
WOCOSEN 50TK	43813-21	Alt. 1 & 2: 8/27/2015
WOCOSEN 500SL	43813-37	Alt. 1 & 2: 8/27/2015
WOCOSEN Technical I	43813-53	Basic 8/27/2015
WOCOSEN Technical II	43813-54	Basic 8/27/2015

Please contact me if any questions on this DCI response.

Sincerely,

William R. Goodwine

William R. Goodwine
Director, WW Regulatory Affairs & Risk Assessment
T: (609) 730-2607; E: bgoodwi@its.jnj.com

United States Environmental Protection Agency
Washington, D.C. 20460
DATA CALL-IN RESPONSE

OMB Approval 2070-0174
EPA FORM 6300-4

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address	2. Case # and Name	3. Date and Type of DCI and Number
JANSSEN PMP 1125 TRENTON-HARBOURTON RD TITUSVILLE, NJ 085600200	3125 - Propiconazole Chemical # and Name: 122101 Propiconazole	12-Apr-2017 GENERIC ID # GDCI-122101-1705

4. EPA Product Registration	5. I wish to cancel this product registration voluntarily	6. Generic Data		7. Product Specific Data	
		6a. I am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA registration number listed below.	6b. I agree to satisfy Generic Data Requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response."	7a. My product is an MUP and I agree to satisfy the MUP requirement on the attached form entitled "Requirements Status and Registrant's Response."	7b. My product is an EUP and I agree to satisfy the EUP requirement on the attached form entitled "Requirements Status and Registrant's Response."
43813-15			✓	N/A	N/A
43813-16			✓	N/A	N/A
43813-19			✓	N/A	N/A
43813-21			✓	N/A	N/A
43813-37			✓	N/A	N/A
43813-53			✓	N/A	N/A
43813-54			✓	N/A	N/A

8. Certification: I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law.

Signature and Title of Company's Authorized Representative William R. Goodwin DIRECTOR

9. Date July 13, 2017

10. Name of Company JANSSEN PMP, DIVISION OF JANSSEN PHARMACEUTICA NV

11. Phone Number 609-730-2607

United States Environmental Protection Agency
Washington, D.C. 20460

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

OMB Approval 2070-0174
EPA FORM 6300-3

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address	2. Case # and Name	3. Date and Type of DCI and Number
JANSSEN PMP 1125 TRENTON-HARBOURTON RD TITUSVILLE, NJ 085600200	3125 - Propiconazole Chemical # and Name: 122101 Propiconazole	12-Apr-2017 GENERIC ID # GDCI-122101-1705

4. Guideline Requirement Number	5. Study Title	PROTOCOL	Progress Reports 1	2	3	6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
	Applicator Exposure Data Requirements (Conventional Chemical)								
875.1700	Product Use Information (13, 15)	N				C,X,BB,A	TEP	12	2
875.2700	Product Use Information (12, 15)	N				C,X,BB,A	TEP	12	2
	Post-Application Exposure Data Requirements (Conventional Chemical)								
875.2100	Foliar dislodgeable residue dissipation (2, 14)	Y				C,X,BB,A	TEP	24	9 (EPA waived)
	Terrestrial and Aquatic Nontarget Organisms Data Requirements (Conventional Chemical)								
850.1075	Fish acute toxicity test, freshwater and marine (14, 23, 33)	N				C,X,BB,A	TGAI	12	9
850.1400	Fish early-life stage toxicity test (14, 16, 33)	N				C,X,BB,A	TGAI	12	9
850.2100	Avian acute oral toxicity test (14, 18)	N				C,X,BB,A	TGAI	12	9
850.2300	Avian reproduction test (14, 17)	N				C,X,BB,A	TGAI	24	9

10. Certification: I certify that the statements made on this form and all attachments are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine, imprisonment or both under applicable law.

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REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

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JANSSEN PMP 1125 TRENTON-HARBOURTON RD TITUSVILLE, NJ 085600200	3125 - Propiconazole Chemical # and Name: 122101 Propiconazole	12-Apr-2017 GENERIC ID # GDCI-122101-1705

4. Guideline Requirement Number	5. Study Title	PROTOCOL	Progress Reports 1	2	3	6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
	Terrestrial and Aquatic Nontarget Organisms Data Requirements (Conventional Chemical)								
850.3040	Field testing for pollinators (1, 3, 14, 21, 32)	Y				C,X,BB,A	TEP	24	9
835.1110	Activated sludge sorption isotherm (15, 30)	N				C,X,BB,A	TGAI	12	2
835.3110	Ready biodegradability (15, 29)	N				C,X,BB,A	TGAI	12	9
835.3220	Porous pot test (15, 28)	N				C,X,BB,A	TGAI	12	9
835.3240	Simulation Test-Aerobic Sewage Treatment-Activated Sludge. (15, 27)	N				C,X,BB,A	TGAI	12	9
835.3280	Simulation Tests to Assess the Biodegradability of Chemicals (15, 26)	N				C,X,BB,A	TGAI	12	2
850.3300	Modified Activated Sludge, Respiration Inhibition Test (15, 25)	N				C,X,BB,A	TGAI	12	2
SS-1155	Residues in Pollen and Nectar/Field Residue Analysis (4, 14, 31)	Y				C,X,BB,A	TEP	24	9

William R. Goodwin, DIRECTOR

July 13, 2017

(609) 730-2607

United States Environmental Protection Agency
Washington, D.C. 20460

REQUIREMENTS STATUS AND REGISTRANT'S RESPONSE

OMB Approval 2070-0174
EPA FORM 6300-3

INSTRUCTIONS: Please type or print in ink. Please read carefully the attached instructions and supply the information requested on this form. Use additional sheet(s) if necessary.

1. Company Name and Address

JANSSEN PMP
1125 TRENTON-HARBOURTON RD
TITUSVILLE, NJ 085600200

2. Case # and Name

3125 - Propiconazole
Chemical # and Name: 122101
Propiconazole

3. Date and Type of DCI and Number

12-Apr-2017
GENERIC
ID # GDCI-122101-1705

4. Guideline Requirement Number	5. Study Title		PROTOCOL	Progress Reports 1	2	3	6. Use Pattern	7. Test Substance	8. Time Frame (Months)	9. Registrant Response
SS-1311	Honey bee adult acute oral toxicity	(6, 14)	N				C,X,BB,A	TGAI	12	9
SS-1312	Honey bee larvae acute oral toxicity	(9, 14)	N				C,X,BB,A	TGAI	12	9
SS-1313	Honey bee adult chronic oral toxicity	(7, 14, 32)	Y				C,X,BB,A	TGAI	12	9
SS-1314	Honey bee larvae chronic oral toxicity	(8, 14, 32)	Y				C,X,BB,A	TGAI	12	9
SS-1319	Semi-field testing for pollinators (tunnel or colony feeding studies)	(5, 14, 22, 24, 32)	Y				C,X,BB,A	TGAI or TEP	24	9
SS850.1000	Chronic Freshwater Sediment Testing	(11, 15, 20, 32)	Y				C,X,BB,A	TGAI	24	2
SS850.1000	Chronic Estuarine/Marine Sediment Testing	(10, 15, 19, 32)	Y				C,X,BB,A	TGAI	24	2

William R. Goodwine, DIRECTOR

JULY 13, 2017

(609) 730-2607

United States Environmental Protection Agency
Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 3125 - Propiconazole

DCI Number: GDCI-122101-1705

Key: [Degr] = Degradate; [d-EP] = diluted End-use product; [EP] = End-use product; [MET] = Plant metabolite; [MP] = Manufacturing-use product; [PAI] = Pure Active Ingredient; [PAIRA] = Pure active ingredient radio-labelled; [RAMET] = Radio-labeled plant metabolite; [ROC] = Residue of Concern; [TEP] = Typical end-use product; [TGAI] = Technical grade of the active ingredient; [TW] = Treated wood

Use Categories Key:

A - Terrestrial food crop

C - Terrestrial nonfood crop

X - Materials preservatives

BB - Wood preservatives

Footnotes: The following footnotes are referenced in column two (5. Study Title) of the Requirements Status and Registrant's Response form. These footnotes apply in addition to any test notes included in 40 CFR Part 158 with respect to the particular data requirement.

1 USEPA. 2012c. Field Testing for Pollinators. Ecological Effects Test Guidelines OCSPP 850.3040. EPA 712-C-017.

2 Turf grass transferable residue dissipation data are required to assess the residential use of propiconazole on turf.

3 Tier 3 study. The need for a field test for pollinators will be determined based on the results of lower-tiered tests and/or other lines of data and the need for a refined pollinator risk assessment.

4 Tier 2 study. The need for this study will be determined based on the results of lower-tiered studies and/or other lines of data and the need for a refined pollinator risk assessment.

5 Tier 2 study. The need for a semi-field test for pollinators (i.e., either a field-feeding test or a tunnel test) will be determined based on the results of lower-tiered tests and/or other lines of evidence, and the need for a refined pollinator risk assessment.

6 Tier 1 study. See the OECD 213: OECD Guidelines for the Testing of Chemicals. Honeybees, Acute Oral Toxicity Test. 213. http://www.oecd-ilibrary.org/environment/test-no-213-honeybees-acute-oral-toxicity-test_9789264070165-en

7 Tier 1 study. OECD has not yet finalized test guidelines for chronic studies, and efforts are underway to develop standardized guidelines for assessing the effects from chronic exposure to adult and larvae in the laboratory. Discussion of the study design elements for the 10-day adult toxicity test can be found in Appendix O of the European Food Safety Authority (EFSA) guidance document: EFSA. 2013. Guidance on the risk assessment of plant protection products on bees (Apis mellifera, Bombus spp. and solitary bees). EFSA Journal 2013;11(7):3295, 266 pp. doi:10.2903/j.efsa.2013.3295. Available online at: https://www.efsa.europa.eu/en/efsajournal/pub/3295

8 Tier 1 study. OECD has not yet finalized test guidelines for chronic studies with honey bee larvae. OECD Draft Guidance Document Honey Bee (Apis mellifera) Larval Toxicity Test, Repeated Exposure. https://www.oecd.org/env/ehs/testing/Honeybee%20larval%20rep%20expo_REV%20following%20April%202015%20expert%20meeting_Draft%2020%20July%202015.pdf

9 Tier 1 study. OECD Test Guideline 237 may be used to develop a protocol for this study (OECD. 2013 Guidelines for Testing Chemicals. Honey bee (Apis mellifera) larval toxicity test, single exposure.) See: http://www.oecd-ilibrary.org/environment/test-no-237-honey-bee-apis-mellifera-larval-toxicity-test-single-exposure_9789264203723-en

10 This study must be conducted using Leptocheirus plumulosus.

11 This study must be conducted for both Hyalella Azteca and Chironomus dilutes.

12 This data requirement is triggered by the antimicrobial wood preservative use sites.

13 This data requirement is triggered by the antimicrobial paints and stains use sites.

14 These data are required for conventional use sites.

15 These data are required for antimicrobial use sites.

16 y must be conducted using saltwater fish species.

United States Environmental Protection Agency
Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 3125 - Propiconazole

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17 Study must be conducted using mallard duck.

18 Study must be conducted using a passerine species. The OCSPP 850.2100 guideline currently recommends the submission of a protocol for EPA review prior to initiation of tests conducted with passerine species. Data submitters are encouraged to consider the recommendations contained in relevant EPA reference documents (i.e., OCSPP 850.2100, EFED Guidance for Reviewing OCSPP 850.2100 Avian Oral Toxicity Studies Conducted with Passerine Birds, EFED Guidance for Use when Regurgitation is Observed in Avian Acute Toxicity Studies with Passerine Species) when preparing test protocols. A protocol does not need to be submitted to EPA for review prior to test initiation if it reflects these recommendations. If a data submitter elects to submit a protocol to EPA, in order to facilitate the review process, any aspects of a proposed study design that differ from this guidance should be noted and accompanied by a descriptive rationale which addresses why they are not expected to adversely impact the quality of the resulting study.

19 Studies are to be conducted using ORD Study Methods, as specified. The ORD Study Methods can be accessed via EPA's Online Library System. The study methods for Hyallela and Chironomus are available at http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=30003SBA.txt and the study methods for Lepto. are available at http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=30002GRK.txt Registrants must use the test method: "Leptocheirus plumulosus." In: USEPA 2001. "Method for Assessing the Chronic Toxicity of Marine and Estuarine Sediment-associated Contaminants with the Amphipod Leptocheirus plumulosus." Doc. No. EPA 600/R-0l/020

20 Studies are to be conducted using ORD Study Methods, as specified. The ORD Study Methods can be accessed via EPA's Online Library System. The study methods for Hyallela and Chironomus are available at http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=30003SBA.txt and the study methods for Lepto. are available at http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=30002GRK.txt Registrants must use the test method: "Hyalella azteca 42-d Test for Measuring the Effects of Sediment-associated Contaminants on Survival, Growth, and Reproduction." In: USEPA 2000. "Methods for Measuring the Toxicity and Bioaccumulation of Sediment-associated Contaminants with Freshwater Invertebrates." Doc. No. EPA 600/R-99/064.

21 See information and guidance identified in the EPA documents, (i) USEPA. 2012. White Paper in Support of the Proposed Risk Assessment Process for Bees. Submitted to the FIFRA Scientific Advisory Panel for Review and Comment September 11-14, 2012. Office of Chemical Safety and Pollution Prevention Office of Pesticide Programs Environmental Fate and Effects Division, Environmental Protection Agency, Washington DC; Environmental Assessment Directorate, Pest Management Regulatory Agency, Health Canada, Ottawa, CN; California Department of Pesticide Regulation http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPP-2012-0543-0004; (ii) 2014 Guidance for Assessing Pesticide Risks to Bees. Office of Pesticide Programs United States Environmental Protection Agency, Health Canada Pest Management Regulatory Agency, California Department of Pesticide Regulation. June 19, 2014. http://www2.epa.gov/sites/production/files/2014-06/documents/pollinator_risk_assessment_guidance_06_19_14.pdf.

22 Formal guidelines for semi-field tests do not yet exist; however, information that can help guide the development of either a semi-field tunnel test protocol can be found at OECD 75, see: OECD. 2007. Series on Testing and Assessment Number 75. Guidance document on the honey bee (Apis mellifera L.) brood test under semi-field conditions. Environmental Directorate Joint Meeting of the Chemicals Committee and the Working Party on Chemicals, Pesticides and Biotechnology. ENV/JM/MONO(2007)22. 31-Aug-2007. http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/jm/mono(2007)22&doclanguage=en.

23 For freshwater species, study must be conducted with fathead minnow.

24 For field-feeding studies see: Oomen et al. 1992: Oomen, P. A. A. DeRuijter and J. Van der Steen. 1992. Method for honey bee brood feeding tests with insect growth-regulating insecticides. Bul OEPP/EPPO Bulletin 22: 613-616.

25 EPA published draft guidance under guideline 850.6800 and has since published final guidance for this study under guideline 850.3300: http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0154-0021. OECD Test Guideline 209 can also be used as guidance for this study, available online at http://www.oecd-ilibrary.org/content/book/9789264070080-en. The results of the Activated Sludge Respiration Inhibition Test (ASRI), GLN 850.3300, will determine which of the four biodegradation tests is/are required. If the ASRI test EC50 is less than or equal to 20 mg/L, then either the (i) Biodegradation in Activated Sludge Study, GLN 835.3280 or (ii) Simulation Test - Aerobic Sewage Treatment: A. Activated Sludge Units, GLN 835.3240, or (iii) the Porous Pot Test, GLN 835.3220 is required. If the ASRI test EC50 is greater than 20 mg/L, then the registrant must conduct either: (i) Ready Biodegradability or (ii) a) Biodegradation in Activated Sludge, or b) Simulation Test - Aerobic Sewage Treatment: A. Activated Sludge Units, or c) the Porous Pot Test. If the Ready Biodegradability study is conducted and passes, then no further testing is required. If, however, the antimicrobial fails the Ready Biodegradability study, then the (i) Biodegradation in Activated Sludge, or (ii) Simulation Test - Aerobic Sewage Treatment: A. Activated Sludge Units, or (iii) the Porous Pot study is required.

26 EPA has a published final guideline for this study: http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0152-0036 . The biodegradation study required is based on results of an Activated Sludge Respiration Inhibition test.

27 EPA has a published final guideline for this study: http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0152-0034 . The biodegradation study required is based on results of an Activated Sludge Respiration Inhibition test.

28 EPA has a published final guideline for this study: http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0152-0024 . The biodegradation study required is based on results of an Activated Sludge Respiration Inhibition test.

29 EPA has a published final guideline for this study: http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0152-0017 . The biodegradation study required is based on results of an Activated Sludge Respiration Inhibition test

United States Environmental Protection Agency
Washington, D.C. 20460

FOOTNOTES AND KEY DEFINITIONS FOR GUIDELINE REQUIREMENTS

Case # and Name: 3125 - Propiconazole

DCI Number: GDCI-122101-1705

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30 EPA has a published final guideline for this study: http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0152-0003.

31 A study protocol must be submitted to, and reviewed by the EPA, prior to study initiation. The following elements could be considered when developing study protocol(s) for the monitoring of residues in pollen/nectar.
- Consideration of the range of application methods and environmental conditions (e.g., soil and hydric regimes) that the target crop(s) may be under.
- Consideration of the attractiveness of the selected crop to pollinators.
- Consideration of a collection schedule sufficient to allow for an understanding of the character of residues, in the pollen/nectar and/or plant tissues, over time.
- Consideration of data sufficient to determine whether residues of the active ingredient and/or degradation product(s) accumulates in soil and is/are bioavailable for plant to uptake in a following planting, and therefore result in potential exposure to pollinators.
- Consideration of the market proportion of the selected target crop(s).

32 A study protocol must be submitted to, and reviewed by the EPA, prior to study initiation.

33 850.1400, saltwater fish early life stage study may be waived if an acceptable 850.1075, freshwater fish acute toxicity study with a fathead minnow is submitted. In lieu of a saltwater fish early life stage study (850.1400), an acute to chronic ratio (ACR) will be calculated using data from an acceptable freshwater fish acute toxicity study (850.1075 with a fathead minnow).

JANSSEN **PMP**
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV

July 14, 2017

Lanxess Corporation
Material Protection Products
Regulatory Affairs
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Attention: Ms. Luanne Jeram
Head, Regulatory Affairs MPP NA

Re: Propiconazole
GDCI-122101-1705
Offer to share in Development of Data

Dear Ms. Jeram,

This letter will confirm the intention of Janssen PMP, a Division of Janssen Pharmaceutica NV (Janssen PMP) and Lanxess Corporation (Lanxess) to form a US Propiconazole Antimicrobial Task Force for cost sharing between the two parties, with Lewis & Harrison (LH) acting as Task Force Manager. LH will secure an EPA task force/company number for the Task Force and submit all studies to USEPA on behalf of the Task Force. The Task Force Manager shall handle any subsequent data compensation matters that may arise with respect to the data generated. Studies included for cost sharing are:

Guideline Requirement Number	Study Title
875.1700	Product Use Information – wood preservative use sites
875.2700	Product Use Information – paints & coatings use sites
850.3300	Activated Sludge Respiration Inhibition (ASRI) Test
835.1110	Activated Sludge Sorption Isotherm
835.3280	Simulation Tests to Assess the Biodegradability of Chemicals
SS850.1000	Chronic Freshwater Sediment Test – *Hyalella*
SS850.1000	Chronic Freshwater Sediment Test – *Chironomus*
SS850.1000	Chronic Estuarine/Marine Sediment Test – *Leptocheirus*

Sincerely,

William R. Goodwine

William R. Goodwine
Director, WW Regulatory Affairs & Risk Assessment
Janssen PMP
Preservation & Material Protection
Tel: (609) 730-2607
E: bgoodwi@its.jnj.com

Via Email and Fedex

LANXESS
Energizing Chemistry

Luanne Jeram
Material Protection Products
Regulatory Affairs
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Phone 412-809-4773
luanne.jeram@lanxess.com
www.US.LANXESS.com

July 12, 2017

Janssen PMP
1125 Trenton-Harbourton Road
Titusville, NJ 08560-0200

Attention: Mr. William Goodwine

Re: Propiconazole
GDCI-122101-1705
Offer to share in Development of Data

Dear Mr. Goodwine:

This letter will confirm the intention of LANXESS Corporation and Janssen PMP, a Division of Janssen Pharmaceutic NV (Janssen PMP) to form a US Propiconazole Antimicrobial Task Force for cost sharing between the two parties, with Lewis & Harrison acting as Task Force manager. Lewis & Harrison will secure an EPA task force/company number for the Task Force and submit all studies to the US EPA on behalf of the Task Force. The Task Force Manager shall handle any subsequent data compensation matters that may arise with respect to the data generated. Studies included for cost sharing are:

Guideline No.	Title
875.1700	Product Use Information – wood preservative use sites
875.2700	Product Use Information – paints and coatings use sites
835.1110	Activated Sludge Sorption Isotherm
835.3280	Simulation Test to Assess the Biodegradability of Chemicals
850.3300	Modified Activated Sludge, Respiration Inhibition Test
SS850.1000	Chronic Freshwater Sediment Testing – Hyalella and Chironomus
SS850.1000	Chronic Estuarine/Marine Sediment Testing - Leptocherius

Sincerely,

Luanne Jeram

Luanne Jeram
Head, Regulatory Affairs MPP NA

Via Email and Fedex

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV

Generic Data Call-In
Propiconazole (Chemical No. 122101)
ID# GDCI-122101-1705

Janssen PMP, a Division of Janssen Pharmaceutica NV (Janssen PMP) requests waivers of the following GDCI data requirements. The Requirements Status and Registrant's Response Form (EPA Form 6300-3) indicates that the data requirements listed below are required for conventional use sites per footnote 14. Janssen PMP's registrations are for antimicrobial uses only. In addition, Janssen PMP's active ingredient registrations WOCOSEN Technical I (EPA Reg. No. 43813-53) and WOCOSEN Technical II (EPA Reg. No. 43813-54) are repack registrations and our source of supply has requested to cost share with the other basic registrants of conventional uses to satisfy these requirements.

Guideline Requirement Number	Study Title
850.1075	Fish acute toxicity test, freshwater and marine
850.1400	Fish early-life stage toxicity test
850.2100	Avian acute oral toxicity test
850.2300	Avian reproduction test
850.3040	Field testing for pollinators
SS-1155	Residues in Pollen and Nectar/Field Residue Analysis
SS-1311	Honey bee adult acute oral toxicity
SS-1312	Honey bee larvae acute oral toxicity
SS-1313	Honey bee adult chronic oral toxicity
SS-1314	Honey bee larvae chronic oral toxicity
SS-1319	Semi-field testing for pollinators (tunnel or colony feeding studies)

William R. Goodwine
Director, WW Regulatory Affairs & Risk Assessment
Janssen PMP
Preservation & Material Protection

Generic Data Call-In
Propiconazole (Chemical No. 122101)
ID# GDCI-122101-1705

Janssen PMP, a Division of Janssen Pharmaceutica NV (Janssen PMP) requests waivers of the GDCI data requirements in Table 2. Per Footnote 25 in the Requirements Status and Registrant's Response Form (EPA Form 6300-3), the data developers (Janssen PMP and Lanxess Corporation) are electing to conduct the battery of studies listed in Table 1 to satisfy the environmental fate requirements:

Table 1: Antimicrobial studies to be generated by Janssen PMP & Lanxess

Guideline Requirement Number	Study Title
875.1700	Product Use Information – wood preservative use sites
875.2700	Product Use Information – paints & coatings use sites
850.3300	Activated Sludge Respiration Inhibition (ASRI) Test
835.1110	Activated Sludge Sorption Isotherm
835.3280	Simulation Tests to Assess the Biodegradability of Chemicals
SS850.1000	Chronic Freshwater Sediment Test – *Hyalella*
SS850.1000	Chronic Freshwater Sediment Test – *Chironomus*
SS850.1000	Chronic Estuarine/Marine Sediment Test – *Leptocheirus*

Table 2: Antimicrobial studies requested to be waived based on the Guideline 875 studies to be conducted in Table 1

Guideline Requirement Number	Study Title
835.3110	Ready biodegradability
835.3220	Porous pot test
835.3240	Simulation Test-Aerobic Sewage Treatment-Activated Sludge

William R. Goodwine
Director, WW Regulatory Affairs & Risk Assessment
Janssen PMP
Preservation & Material Protection

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Mixers and loaders using liquid formulations must wear:
- Long sleeved shirt and long pants,
- Socks and shoes, and
- Chemical-resistant gloves (such as those made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and Viton, Selection Category C).

User Safety Requirements
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations
- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and shrimp. Do not apply directly to water. Do not contaminate water when disposing of equipment wastewaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

STORAGE
Store in original container in a cool, dry place.

PESTICIDE DISPOSAL
Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER HANDLING
Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

®Registered trademark of Janssen PMP, a Division of Janssen Pharmaceutica NV.
*Propiconazole is manufactured by Syngenta, Basel, Switzerland

Safetray® P

Wood Preservative for the Mushroom Industry

For the prevention of wood rot and decay and for the control of adhesion and penetration of mushroom mycelium in timber trays and benches allowing for an easy tip out of the compost

ACTIVE INGREDIENT: (w/w)
PROPICONAZOLE*:
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole 23.6%
INERT INGREDIENT: (w/w) 76.4%
TOTAL 100.0%

Contains 2.05 lbs. active ingredient/gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID STATEMENT	
If swallowed	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If in eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice
If on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER:
For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time, seven days a week. During other times, call the poison control center at 1-800-222-1222. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800 424-9300.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment

NOTE TO PHYSICIAN
There is no specific antidote for Safetray P. Give a saline laxative and supportive therapy.

Net Contents: 2.6 gallons (10 liters)

EPA Reg. No.: 43813-15 EPA Est. No.: 74263-DEU-001

Manufactured for:

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Road
Titusville, NJ 08560

DIRECTIONS FOR USE:
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

To prevent wood rot and decay and to control adhesion and penetration of mushroom mycelium in timber trays and benches add 19.5 fl. oz. of SAFETRAYTM P to 25 gal. of water to achieve a treating concentration of 1,500 ppm active ingredient.

MIXING

Half-fill the spray or dip tank with water. Add the appropriate amount of SAFETRAYTM P. Triple rinse empty container and add the rinsate to the tank. Stir gently and add water up to the required volume. A few drops of an anti-foam agent may be added to avoid excessive foaming.

APPLICATION

SPRAY
Between each crop of mushrooms, apply the treating solution with a large droplet sprayer on the internal surface of the trays or to the inside surface of the side, end and bottom boards of the benches. To insure complete wetting of the wood surface spray approximately 25 gallons of treating solution per 5,000 sq. ft. of wood surface. Make sure all corners are well treated. Let the trays or bench boards dry before adding compost. The trays should be allowed to dry in a sheltered, well-ventilated place.

DIP
Submerge trays or boards in treating solution for not more than 30 seconds, then remove and allow to drain back into dip tank. Let the trays or boards dry in a sheltered, well-ventilated place before adding compost.

NOTICE OF WARRANTY
Janssen PMP, a Division of Janssen Pharmaceutica NV warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Janssen PMP. To the extent permitted by law, Janssen PMP disclaims any liability for consequential, special or indirect damages resulting from the use or handling of this product. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JANSSEN PMP MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OF IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

PMP 15084/US/SAFETRAY P 528013

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ÁNIMALS

CAUTION
Harmful if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Mixers and loaders using liquid formulations must wear:
- Long sleeved shirt and long pants,
- Socks and shoes, and
- Chemical-resistant gloves (such as those made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton, Selection Category C)

User Safety Requirements
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations
- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and shrimp. Do not apply directly to water. Do not contaminate water when disposing of equipment wastewaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

STORAGE
Store in the original container in a cool, dry place.

PESTICIDE DISPOSAL
Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER HANDLING
Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

[For containers < 5 gallons in size] – Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

® Registered trademark of Janssen Pharmaceutica NV

WOCOSEN® 250 EC

Preservative for Industrial & Commercial Use

ACTIVE INGREDIENT: (w/w)
PROPICONAZOLE*:
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl] methyl]-1H-1,2,4-triazole 23.6%
OTHER INGREDIENTS: (w/w) 76.4%
TOTAL 100.0%

Product weight: 8.85 lbs./gal. (1.06 kg/L)

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If swallowed	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If in eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice
If inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER: For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific time, seven days a week. During other times, call the poison control center at 1-800-222-1222. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800 424-9300. Have the product container with you when calling a poison control center or doctor, or going for treatment	
NOTE TO PHYSICIAN There is no specific antidote for Wocosen 250EC. Give a saline laxative and supportive therapy.	

NET CONTENTS: 264 gallons (1000 liters)

EPA REG. NO. 43813-16 EPA EST. NO. 085158-BEL-002

Manufactured for:

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Road
Titusville, NJ 08560

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

SAPSTAIN AND MOLD CONTROL:
WOCOSEN 250 EC is used to control sapstain and mold in freshly cut hardwood and softwood lumber, poles, posts, timbers and other manufactured wood products. Examples of other wood products include:
Logs: Fungal staining can be inhibited in freshly debarked logs used for log home construction, export, yarding prior to sawing and other purposes.
Wood Furnish: Engineered wood composites, such as particle board, wafer board, oriented strand board, and similar products can be protected from fungal discoloration during storage by treatment with WOCOSEN 250 EC.
Wood Chips/Saw Dust: Treatment of wood chips, saw dust or other similar by products intended for papermaking (Not for food grade/food contact paper or paper board) reduces fungal discoloration and lowers bleaching requirements for finished paper products.
Plywood Veneer: Treatment with WOCOSEN 250 EC is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to stain and mold development that can interfere with appearance or laminating adhesive performance.
WOCOSEN 250 EC is applied by dipping or spraying the wood until complete surface wetting is achieved. For **bulk dip tanks** WOCOSEN 250 EC is diluted by using 0.13 – 1 gallon of WOCOSEN 250 EC in 100 gallons of water. Agitate vigorously until completely dispersed. For **conventional spray systems** a 0.25% to 2% WOCOSEN 250 EC spray solution is used. For example, in a 100 gallon day tank, 0.25 to 2 gallons of WOCOSEN 250 EC are added to the day tank and then enough water is added to bring the total volume up to 100 gallons of solution. In **electrostatic spray** applications, WOCOSEN 250 EC dilution is not required, treatment strength is varied by number of application nozzles used and line speed. Rates, for all applications used, will vary according to temperature, humidity, wood moisture, storage conditions, etc. Contact your local WOCOSEN 250 EC product representative for application advice.
Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of WOCOSEN 250 EC in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber must be treated within 24 hours.
For sapstain application, treated lumber must be stored under cover, indoors, or at least 100 feet from any pond, lake, stream, wetland, or river to prevent possible runoff of the product into the waterway. Treated lumber stored within 100 feet of a pond, lake, stream, wetland, or river must be either covered with plastic or surrounded by a berm to prevent surface water runoff into the nearby waterway. If a berm or curb is used around the site, it must consist of impermeable material (clay, asphalt, concrete) and be of sufficient height to prevent runoff during heavy rainfall events.

DECAY AND STAIN PROTECTION
Description: WOCOSEN 250 EC is a wood preservative concentrate which requires dilution with water prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).
Treated wood shall not be used in the construction of beehives.
Product Uses: For application to millwork, shingles & shakes, siding, plywood, and structural lumber & composites that are used in above ground applications only. Do not use on wood which will come in contact with food.
Wood Preparation: Machine, cut, glue, and sand wood as desired before treating. Do not use over previously finished or stained wood without stripping off old finish. Wood must be clean and dry before treatment. Wood for pressure treatment should be kiln dried or air seasoned to a moisture content, of about 25% or less, that will permit adequate penetration of preservative during treatment.
Treatment: Apply by immersion, roller coater, flood, spray, brush or pressure treatment processes (double vacuum, full-cell or modified full-cell). For non-pressure application methods, mix 2 to 4 gallons of WOCOSEN 250 EC with water to achieve 100 gallons of treating solution at the concentration of 0.5 - 1% a.i., respectively. Wood products to be treated by the bundle-dipping process must be completely immersed for three (3) minutes. Individual wood pieces treated by immersion, roller-coater or flood shall be treated for not less than fifteen (15) seconds. Coverage for brush and spray application is approximately 150 square feet per gallon of treating solution, but varies by the species and condition of the wood. Pressure treatment must be performed according to the methods described in the American Wood Preservers' Association (AWPA) Standards. A minimum propiconazole retention level of 0.025 pounds per cubic foot (pcf) is recommended. All treated wood must be held on the drip pad until drippage has stopped. Any surface, cut after first treatment must be retreated using 1% a.i. concentration solution.
Finishing: Before glazing, staining, painting, varnishing, or application of water repellents, treated wood must be completely dry and odor-free. For non-pressure applications, allow 4-8 hours drying time under average temperature and humidity conditions; treated wood can be heat dried for plant production. Pressure treated wood requires drying after treatment to a moisture content suitable for the type of coating to be applied.
Clean-up: Use water to remove wet WOCOSEN 250 EC wood preservative from all surfaces, brushes and rollers.

COOLING TOWER WOOD:
Use WOCOSEN 250 EC to protect cooling tower wood against surface rot and internal or dry rot. Apply by spraying or painting a solution containing 0.5% to 1.1% WOCOSEN 250 EC in water onto the clean wood surfaces. The amount applied must provide 0.23 to 0.46 pounds WOCOSEN 250 EC per 1000 sq. ft. of wood surface. Surface rot can also be inhibited by a periodic shock dose of WOCOSEN 250 EC to the recirculating cooling water at the tower basin or cold well. The dosage must provide 1.7 pounds of WOCOSEN 250 EC per 1000 gal. of water and the bleed off must be stopped for 4 to 6 hrs. after treatment. The shock treatment must be repeated every four months.

IN CONTAINER PRESERVATIVE USES FOR FILM-FORMING COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES & BINDERS)
WOCOSEN 250 EC provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.2 - 5.0% (0.05 – 1.2% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, spackling, patching compounds, grouts, adhesives or emulsions and slurries used in their manufacture. Sufficient mixing to ensure adequate dispersion is required. WOCOSEN 250 EC cannot be used in adhesives applied to food packaging.

IN CONTAINER PRESERVATIVE USES FOR PENETRATING (SOLVENT-BASED) STAINS
WOCOSEN 250 EC provides control of fungi causing discoloration, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.2 – 0.6% (0.05 – 0.15% propiconazole), based on the total weight of the penetrating stain.

IN CONTAINER PRESERVATIVE FOR INKS
WOCOSEN 250 EC provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.2 - 5.0% (0.05 – 1.20% propiconazole), based on the total weight of the ink.

DRY FILM PRESERVATIVE OF COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES & BINDERS)
WOCOSEN 250 EC provides control of mold and mildew fungi causing stain, odor, or film degradation when used as a dry film preservative at levels between 0.2 - 5.0% (0.05 – 1.2% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, speckling, patching compounds, grouts, and adhesives. Sufficient mixing to ensure adequate dispersion is required. WOCOSEN 250 EC cannot be used in adhesives applied to food packaging. Preserved coating can be applied by brush, roller, or airless sprayer.

PENETRATING WOOD PRESERVATIVES AND WOOD PRESERVATIVE STAINS
WOCOSEN 250 EC provides control of decay and stain fungi on wood treated at levels between 1.0 – 1.4% (0.25 – 0.34% propiconazole), based on the total weight of the wood preservative or wood preservative stain. Do not apply more than 1.4% of WOCOSEN 250 EC (equal to 0.34% propiconazole by weight) per gallon as a preservative in stains.
Do not use airless sprayer to apply wood preservative or wood preservative stain. Preserved stain can be applied by brush, roller or low pressure hand wand.

PAPER, WALLBOARD (DRY WALL AND GYPSUM BOARD) AND PAPERBOARD PRODUCTS
WOCOSEN 250 EC will inhibit fungal mold and mildew growth which causes discoloration, odor and degradation in paper, wallboard, and paperboard. Apply with thorough agitation.
WOCOSEN 250 EC can be added to the wet end of a paper machine at rates such that 0.1 to 2.5 pounds active ingredient are retained per ton of dry fiber. Alternately, application may be made at the size press, water box or dry end of the paper machine at rates such that 0.1 to 2.5 pounds of active ingredient are retained per ton of dry paper. Regardless of application method, the maximum rate of application shall be such that not more than 2.5 pounds active ingredient are retained per ton of dry paper. WOCOSEN 250 EC may be applied to the gypsum core of wallboard to inhibit the growth of fungi. Apply 0.05 to 0.6 pounds of active ingredient per 1000 pounds of formulation (i.e. wet slurry). WOCOSEN 250 EC cannot be applied to paper or paper products that come into contact with food.

CEILING TILES
To inhibit the growth of fungi in ceiling tiles and in mineral-based building materials used in the manufacture of ceilings, add 0.5 to 4.25 pounds of active ingredient per 1000 pounds of formulation (i.e., wet slurry). WOCOSEN 250 EC can be added at any time during the formulation procedure.

RUBBER AND PLASTIC PRODUCTS
WOCOSEN 250 EC will control mold and mildew on rubber and plastic products such as curtains, bath mats, and thermoplastic rubber. WOCOSEN 250 EC may be added at rates from 0.1 to 0.5% active ingredient by weight. The temperature stability of WOCOSEN 250 EC may be influenced by the choice of heat stabilizer and plasticizer in the formulation. Testing must be done to confirm compatibility of WOCOSEN 250 EC with specific rubber or plastic products.

METALWORKING FLUIDS:
Use WOCOSEN 250 EC to inhibit fungal degradation of water based and water emulsifiable cutting fluids and coolants used in metalworking operations. Add WOCOSEN 250 EC to the fluid concentrate or to the diluted metalworking fluid in an amount which will provide 50 to 700 ppm active ingredient in the diluted fluid.

TEXTILES:
For the control of odor and stain causing microorganisms in textiles of the following products: shower curtains, carpet backing, awnings, boat covers, canvas, cordage, tents, tarpaulins, and wall coverings.
Addition of up to 2000 ppm of this active ingredient (8470 ppm of product), based on weight of goods, can inhibit the growth of mold and mildew that cause stains, odors and product degradation in textiles, fabrics and fibers composed of acetate, acrylic, acrylonitrile butadiene styrene, natural fibers (cotton, paper, wool, etc.), nitrile copolymers, nylon, polyester, polyethylene, polypropylene, rayon, rubber (natural & synthetic), coatings/finishes composed of silicone, urethane or vinyl applied to such materials. The material must be added at an appropriate manufacturing step to ensure adequate mixing and complete, uniform coverage of the treated material. Product can be applied by dye incorporation, pad, exhaust, or spray application.

NOTICE OF WARRANTY
Janssen PMP, a Division of Janssen Pharmaceutica NV warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Janssen PMP. To the extent permitted by law, Janssen PMP disclaims any liability for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and user waive any right that they may have to such damages. **To the extent consistent with applicable law, Janssen PMP makes no warranties of merchantability or of fitness for a particular purpose or any other express or implied warranty except as stated above.**

PMP 1704L/US/IB049362 723792

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION
Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating. Remove contaminated clothing and wash before reuse. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS
Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on the label. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permit authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your local State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE
Store in original container in a cool, dry place.

PESTICIDE DISPOSAL
Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER HANDLING
Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:
[For containers < 5 gallons in size] – Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.
[For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

SAPSTAIN AND MOLD CONTROL
WOCOSEN 100SL is used to control sapstain and mold in freshly cut hardwood and softwood lumber, poles, posts, timbers and other manufactured wood products. Examples of other wood products include:
Logs: Fungal staining can be inhibited in freshly debarked logs used for log home construction, export, yarding prior to sawing and other purposes.
Wood Furnish: Engineered wood composites, such as particle board, wafer board, oriented strand board, and similar products can be protected from fungal discoloration during storage by treatment with WOCOSEN 100SL.
Wood Chips/Saw Dust: Treatment of wood chips, saw dust or other similar by products intended for papermaking (Not for food grade/food contact paper or paper board) reduces fungal discoloration and lowers bleaching requirements for finished paper products.
Plywood Veneer: Treatment with WOCOSEN 100SL is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to sapstain and mold development that can interfere with appearance or laminating adhesive performance.

WOCOSEN 100SL is applied by dipping or spraying the wood until complete surface wetting is achieved. For **bulk dip tanks** WOCOSEN 100SL is diluted by using 0.33 gallons (2.4 gallon WOCOSEN 100SL in 800 gallons water) to 2.5 gallons WOCOSEN 100SL in 100 gallons of water. Agitate vigorously until completely dispersed. For **conventional spray systems** a 0.6% to 5% WOCOSEN 100SL spray solution is used. For example, in a 100 gallon day tank, 0.6 to 5 gallons of WOCOSEN 100SL are added to the day tank and then enough water is added to bring the total volume up to 100 gallons of solution. In **electrostatic spray** applications, Wocosen 100SL dilution is not required, treatment strength is varied by number of application nozzles used and line speed. Rates, for all applications used, will vary according to temperature, humidity, wood moisture, storage conditions, etc. Contact your local WOCOSEN 100SL product representative for application advice.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of WOCOSEN 100SL in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber should be treated within 24 hours. Treated lumber should be protected from rain and removed from direct soil/ground contact.

® Registered trademark of Janssen Pharmaceutica NV

* Propiconazole is manufactured by Syngenta, Basel, Switzerland

WOCOSEN® 100 SL

PRESERVATIVE FOR INDUSTRIAL & COMMERCIAL USE

ACTIVE INGREDIENT: (w/w)
PROPICONAZOLE*
1-[[2-(2,4-dichlorophenyl)-4-propyl-
1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole 9.7%
OTHER INGREDIENTS: (w/w) 90.3%
TOTAL 100.0%

Contains 0.83 lbs. active ingredient/gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If swallowed	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.
If in eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER: For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Network at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800-424-9300.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment	
NOTE TO PHYSICIAN There is no specific antidote for Wocosen 100 SL. Give a saline laxative and supportive therapy.	

NET CONTENTS: 55 gallons (208 liters)

EPA REG. NO. 43813-19

EPA EST. NO. 43813-BEL-2

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Rd.
Titusville, NJ 08560-0200

DECAY AND STAIN PROTECTION
Description: WOCOSEN 100SL is a wood preservative concentrate that requires dilution with water prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).

Product Uses: For application to millwork, shingles & shakes, siding, plywood, and structural lumber & composites that are used in above ground applications only. Do not use on wood which will come in contact with food.

Wood Preparation: Machine, cut, glue, and sand wood as desired before treating. Do not use over previously finished or stained wood without stripping off old finish. Wood must be clean and dry before treatment. Wood for pressure treatment should be kiln dried or air seasoned to a moisture content, of about 25% or less, that will permit adequate penetration of preservative during treatment.

Treatment: Apply by immersion, roller coater, flood, spray, brush or pressure treatment processes (double vacuum, full-cell or modified full-cell). For non-pressure application methods, mix 5-10 gallons of Wocosen 100SL with water to achieve 100 gallons of treating solution at the concentration of 0.5 - 1% a.i., respectively. Wood products to be treated by the bundle-dipping process should be completely immersed for three (3) minutes. Individual wood pieces treated by immersion, roller-coater or flood shall be treated for not less than fifteen (15) seconds. Coverage for brush and spray application is approximately 150 square feet per gallon of treating solution, but varies by the species and condition of the wood. Pressure treatment should be performed according to the methods described in the American Wood Preservers' Association (AWPA) Standards. A minimum propiconazole retention level of 0.025 pounds per cubic foot (pcf) is recommended. All treated wood must be held on the drip pad until drippage has stopped. Any surface, cut after first treatment should be retreated using 1% a.i. concentration solution.

Finishing: Before glazing, staining, painting, varnishing, or application of water repellents, treated wood should be completely dry and odor-free. For non-pressure applications, allow 4-8 hours drying time under average temperature and humidity conditions; treated wood can be heat dried for plant production. Pressure treated wood requires drying after treatment to a moisture content suitable for the type of coating to be applied.

Clean-up: Use water to remove wet WOCOSEN 100SL wood preservative from all surfaces, brushes and rollers.

COATINGS, CAULKS, SEALANTS, ADHESIVES, AND INKS:
Not for use in coatings and adhesives which will come in contact with paper or paperboard.

Sufficient mixing to ensure adequate dispersion of the biocide is required. WOCOSEN 100SL should be used at levels between 0.5 and 12.5% based on the total weight of the formulation to inhibit fungal disfigurement and deterioration. For solvent-based formulations the WOCOSEN 100SL can be dissolved in aromatic solvents or combination of aromatic and aliphatic solvents and added in the letdown or added directly to the finished product. For water-thinned latex emulsion formulation, the WOCOSEN 100SL can be premixed with the wetting agent and added to the pigment slurry or simply added to the letdown or finished product.

METALWORKING FLUIDS:
Use WOCOSEN 100SL to inhibit fungal degradation of water based and water emulsifiable cutting fluids and coolants used in metalworking operations. Add WOCOSEN 100SL to the fluid concentrate or to the diluted metalworking fluid in an amount which will provide 50 to 700 ppm active ingredient in the diluted fluid.

TEXTILES:
For the control of odor and stain causing microorganisms in textiles of the following products: shower curtains, carpet backing, awnings, boat covers, canvas, cordage, tents, tarpaulins, and wall coverings.

Addition of up to 2000 ppm of this active ingredient (2% of product), based on weight of goods, can inhibit the growth of mold and mildew that cause stains, odors and product degradation in textiles, fabrics and fibers composed of acetate, acrylic, acrylonitrile butadiene styrene, natural fibers (cotton, paper, wool, etc.), nitrile copolymers, nylon, polyester, polyethylene, polypropylene, rayon, rubber (natural & synthetic), coatings/finishes composed of silicone, urethane or vinyl applied to such materials. The material should be added at an appropriate manufacturing step to ensure adequate mixing and complete, uniform coverage of the treated material. Product can be applied by dye incorporation, pad, exhaust, or spray application.

NOTICE OF WARRANTY
Janssen PMP, a Division of Janssen Pharmaceutica NV warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Janssen PMP. To the extent permitted by law, Janssen PMP disclaims any liability for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and user waive any right that they may have to such damages. To the extent consistent with applicable law, Janssen PMP makes no warranties of merchantability or of fitness for a particular purpose or any other express or implied warranty except as stated above.

2274170 PMP 1208/L/U/DA04936Z

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton.
Mixers and loaders using liquid formulations must wear:
-Long sleeved shirt and long pants,
-socks and shoes, and
-chemical-resistant gloves

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY INSTRUCTIONS
- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in original container in a cool, dry place.

PESTICIDE DISPOSAL:
Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER HANDLING:
Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WOCOSEN® 50 TK

Manufacturing Concentrate

For use in formulating
industrial preservative products

ACTIVE INGREDIENT: (w/w)
PROPICONAZOLE
1-[(2-(2,4-dichlorophenyl)-4-propyl-
1,3-dioxolan-2-yl)methyl]-1H-1,2,4-triazole 50.0%
INERT INGREDIENTS: (w/w) 50.0%
TOTAL 100.0%

Contains 4.17 lbs. active ingredient/gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If swallowed	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If in eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER: For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Network at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire, or accident), call Chem-Trec at 1-800-424-9300.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN There is no specific antidote for WOCOSEN 50TK. Give a saline laxative and supportive therapy.	

NET CONTENTS: 2425 lbs (1100 KG)

EPA REG. NO. 43813-21 EPA EST. NO. 089019-IND-001

Manufactured for:

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Rd.
Titusville, NJ 08560-0200

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For formulation into end use product for the following uses:

Wood Preservation
- Wood preservatives and wood preservative stain products; specifically logs, lumber and wood products for sapstain control, engineered wood composite products, and wood chips.

Material Preservation
- In container preservative caulks, sealants, adhesives, inks, coatings, and paints
- Metal Working fluids
- Dry film preservative of coatings and building materials
- Non-food contact paper and paperboard products, wallboard (drywall and gypsum board), ceiling tiles, rubber and plastic products, leather (wet leather stock such as pickled, vegetable-, chrome-, alternative metal or metal free tanned hides and skins) and textiles (shower curtains, carpet backing, awnings, boat covers, canvas, cordage, tents, tarpaulins, and wall coverings).

This product may not be formulated into end-use products for use in carpet fibers, apparel, and furnishings (except shower curtains). Unless packaged in water-soluble packaging, this product may not be formulated into wettable powder end-use products. This product may not be formulated into in-container preservative for stains unless the maximum concentration of propiconazole is less than or equal to 0.15% by weight.

Description: This product may be used to formulate products for specific uses not listed on the manufacturing use product label, if the formulator or user group has complied with U.S. EPA data submission requirements regarding the support of such uses. Each formulator is responsible for obtaining EPA registration for his end use product(s).

NOTICE OF WARRANTY
Janssen PMP, a Division of Janssen Pharmaceutica NV warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Janssen PMP. To the extent permitted by law, Janssen PMP disclaims any liability for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and user waive any right that they may have to such damages. **To the extent consistent with applicable law, Janssen PMP makes no warranties of merchantability or of fitness for a particular purpose or any other express or implied warranty except as stated above.**

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722004 PMP 1702/ LJUSYB049362

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION
Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton.
Mixers and loaders using liquid formulations must wear:
- Long sleeved shirt and long pants,
- socks and shoes, and
- chemical-resistant gloves

User Safety Requirements
- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and shrimp. Do not apply directly to water. Do not contaminate water when disposing of equipment wastewaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in original container in a cool, dry place.

PESTICIDE DISPOSAL:
Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER HANDLING:
Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

[For containers ≤ 5 gallons in size] – Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

[For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

® Registered trademark of Janssen Pharmaceutica NV

WOCOSEN® 500 SL

Preservative for industrial and commercial use

ACTIVE INGREDIENT: (w/w)
PROPICONAZOLE*:
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole. 50.0%
OTHER INGREDIENTS: (W/W). 50.0%
TOTAL 100.0%

Contains 4.17 lbs. active ingredient/gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If swallowed	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If in eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER: For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Network at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800-424-9300.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN There is no specific antidote for Wocosen 500 SL. Give a saline laxative and supportive therapy.	

NET CONTENTS: 55 gallons (208 liters)

EPA REG. NO. 43813-37 EPA EST. NO. 085158-BEL-002

Manufactured for:

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Rd.
Titusville, NJ 08560-0200

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
SAPSTAIN AND MOLD CONTROL: WOCOSEN 500SL is used to control sapstain and mold in freshly cut hardwood and softwood lumber, poles, posts, timbers and other wood products. Examples of other wood products include:
Logs: Fungal staining can be inhibited in freshly debarked logs used for log home construction, export, yarding prior to sawing and other purposes.
Wood Furnish: Engineered wood composites, such as particle board, wafer board, oriented strand board, and similar products can be protected from fungal discoloration during storage by treatment with WOCOSEN 500SL.
Wood Chips/Saw Dust: Treatment of wood chips, saw dust or other similar by products intended for papermaking (Not for food grade/food contact paper or paper board) reduces fungal discoloration and lowers bleaching requirements for finished paper products.
Plywood Veneer: Treatment with WOCOSEN 500SL is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to sapstain and mold development that can interfere with appearance or laminating adhesive performance.
WOCOSEN 500SL is used to control sapstain and mold in freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. WOCOSEN 500SL is applied by dipping or spraying the wood until complete surface wetting is achieved (see use chart below):

Application rates per type of application system			
Application System	Amount of WOCOSEN 500SL to add per 100 gallons solution	Resulting % Propiconazole	Amount of Propiconazole (ppm)
Bulk Dip Tanks: use 500 – 2,500 ppm active ingredient propiconazole	12.8 fl. oz.	0.05	500
	64 fl. oz.	0.25	2,500
Conventional Spray Systems: use 600 – 4,500 ppm active ingredient propiconazole	15.4 fl. oz.	0.06	600
	115.5 fl. oz.	0.45	4,500
Electrostatic Spray Systems	Apply undiluted. Deposition is varied by the number of application nozzles used and the line speed.		

Vigorously agitate diluted solutions until completely dispersed. Rates for all applications will vary according to temperature, humidity, wood moisture, storage conditions, etc. Acceptable performance may be obtained at the lower use rate on kiln-dried lumber that is stored for only a short period under dry conditions, while a higher rate typically is used on green lumber or wood that may become wet intermittently or are stored for long periods. Contact your local WOCOSEN 500SL product representative for application advice.
Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of WOCOSEN 500SL in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber must be treated within 24 hours. Treated lumber must be protected from rain and removed from direct soil/ground contact.
DECAY AND STAIN PROTECTION
Description: WOCOSEN 500SL is a wood preservative concentrate that requires dilution prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).
Product Uses: For application to millwork, shingles & shakes, siding, plywood, and structural lumber & composites that are used in above ground applications only. Do not use on wood which will come in contact with food.
Wood Preparation: Machine, cut, glue, and sand wood as desired before treating. Do not use over previously finished or stained wood without stripping off old finish. Wood must be clean and dry before treatment. Wood for pressure treatment must be kiln dried or air seasoned to a moisture content, of about 25% or less, that will permit adequate penetration of preservative during treatment.
Treatment: Apply by immersion, roller coater, flood, spray, brush or pressure treatment processes (double vacuum, full-cell or modified full-cell).
Non-pressure application methods – use at 5,000 – 10,000 ppm active ingredient propiconazole (see use chart below):

Application rate for non-pressure application systems		
Amount of WOCOSEN 500SL to add per 100 gallons solution	Resulting % Propiconazole	Amount of Propiconazole (ppm)
1 gallon	0.5	5,000
2 gallons	1.0	10,000

Acceptable performance may be obtained at the lower use rate for wood exposed indoors under occasional high humidity or wet conditions, while the higher rate is necessary for wood used in high decay hazard environments exposed to weathering.
Completely immerse wood products to be treated by the bundle-dipping process for three (3) minutes. Treat individual wood pieces treated by immersion, roller-coater or flood for not less than fifteen (15) seconds. Coverage for brush and spray application is approximately 150 square feet per gallon of treating solution, but varies by the species and condition of the wood.
Pressure treatment methods - perform according to the methods described in the American Wood Preservers' Association (AWPA) Standards. The minimum propiconazole retention level is 0.025 pounds per cubic foot (pcf). All treated wood must be held on the drip pad until drippage has stopped. Retreat cut surfaces by brush or dip using a solution containing 1% propiconazole.
Finishing: Before glazing, staining, painting, varnishing, or application of water repellents, treated wood should be completely dry and odor-free. For non-pressure applications, allow 4-8 hours drying time under average temperature and humidity conditions; treated wood can be heat dried for plant production. Pressure treated wood requires drying after treatment to a moisture content suitable for the type of coating to be applied.
Clean-up: Use water to remove wet WOCOSEN 500SL wood preservative from all surfaces, brushes and rollers.
COATINGS, CAULKS, SEALANTS, ADHESIVES, AND INKS: IN CONTAINER PRESERVATIVE USES FOR FILM-FORMING COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES & BINDERS)
WOCOSEN 500SL provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.1 - 2.4% (0.05 – 1.20% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, spackling, patching compounds, grouts, adhesives or emulsions and slurries used in their manufacture. Sufficient mixing to ensure adequate dispersion is required. WOCOSEN 500SL cannot be used in adhesives applied to food packaging.
IN CONTAINER PRESERVATIVE USES FOR PENETRATING (SOLVENT-BASED) STAINS
WOCOSEN 500SL provides control of fungi causing discoloration, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.1 – 0.3% (0.05 – 0.15% propiconazole), based on the total weight of the penetrating stain.
IN CONTAINER PRESERVATIVE FOR INKS
WOCOSEN 500SL provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.1 – 2.4% (0.05 – 1.20% propiconazole), based on the total weight of the ink.
DRY FILM PRESERVATIVE OF COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES & BINDERS)
WOCOSEN 500SL provides control of mold and mildew fungi causing stain, odor, or film degradation when used as a dry film preservative at levels between 0.1 – 2.4% (0.05 – 1.20% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, spackling, patching compounds, grouts, and adhesives. Sufficient mixing to ensure adequate dispersion is required. WOCOSEN 500SL cannot be used in adhesives applied to food packaging. Preserved coating can be applied by brush, roller, or airless sprayer.
PENETRATING WOOD PRESERVATIVES AND WOOD PRESERVATIVE STAINS
WOCOSEN 500SL provides control of decay and stain fungi on wood treated at levels between 0.5 – 0.7% (0.25 – 0.34% propiconazole), based on the total weight of the wood preservative or wood preservative stain. Do not apply more than 0.7% of WOCOSEN 500SL (equal to 0.34% propiconazole by weight) per gallon as a preservative in stains. Do not use airless sprayer to apply wood preservative or wood preservative stain. Preserved stain can be applied by brush, roller or low pressure hand wand.
METALWORKING FLUIDS: Use WOCOSEN 500SL to inhibit fungal degradation of water based and water emulsifiable cutting fluids and coolants used in metalworking operations. Add WOCOSEN 500SL to the fluid concentrate or to the diluted metalworking fluid in an amount which will provide 50 to 700 ppm active ingredient in the diluted fluid.
TEXTILES: For the control of odor and stain causing microorganisms in textiles of the following products: shower curtains, carpet backing, awnings, boat covers, canvas, cordage, tents, tarpaulins, and wall coverings. Addition of up to 2000 ppm of this active ingredient (0.4% of product), based on weight of goods, can inhibit the growth of mold and mildew that cause stains, odors and product degradation in textiles, fabrics and fibers composed of acetate, acrylic, acrylonitrile butadiene styrene, natural fibers (cotton, paper, wool, etc), nitrile copolymers, nylon, polyester, polyethylene, polypropylene, rayon, rubber (natural & synthetic), coatings/finishes composed of silicone, urethane or vinyl applied to such materials. The material must be added at an appropriate manufacturing step to ensure adequate mixing and complete, uniform coverage of the treated material. Product can be applied by dye incorporation, pad, exhaust, or spray application.

NOTICE OF WARRANTY
Janssen PMP, a Division of Janssen Pharmaceutica NV warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Janssen PMP. To the extent permitted by law, Janssen PMP disclaims any liability for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and user waive any right that they may have to such damages. **To the extent consistent with applicable law, Janssen PMP makes no warranties of merchantability or of fitness for a particular purpose or any other express or implied warranty except as stated above.**

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS
This product is toxic to fish. Do not discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

DIRECTIONS FOR USE
It is a violation of federal law to use this product in a manner inconsistent with its labeling.

This product may be used for formulating end-use products for material preservative uses including: wood and manufactured wood products, leather, paint & coatings, stains, building materials including caulks, sealants, adhesives and binders), inks, paper and paperboard products (non-food), wallboard (drywall and gypsum board), ceiling tiles, rubber and plastic products, metalworking fluids and textiles.

Note to formulators: Formulators are responsible for providing data to support registration of products formulated from WOCOSEN Technical I.

WOCOSEN®

Technical I

Fungicide for use in formulating material preservative products

ACTIVE INGREDIENT:
Propiconazole:
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-ylimethyl]-1H-1,2,4-triazole 99%
OTHER INGREDIENTS: 1%
TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail)

FIRST AID	
If in eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If swallowed	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER: For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Information Center at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN There is no specific antidote for WOCOSEN Technical I. Induce emesis or lavage stomach. Give a saline laxative and supportive therapy.	

NET CONTENTS: 440.9 lbs. (200 kgs)
EPA Reg. No.: 43813-53 EPA Est. No.: 084154-CHN-001

Manufactured for:

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Road
Titusville, NJ 08560-0200

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE
Store in original container, tightly closed, and in a cool, dry, well ventilated area.

PESTICIDE DISPOSAL
Pesticide wastes may be acutely hazardous. Improper disposal is a violation of federal law. Pesticide, mixtures, or equipment rinse waters that cannot be chemically reprocessed must be disposed of according to applicable federal, state or local procedures. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING
Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.
Pressure rinse as follows: Empty the remaining contents into formulating equipment or mix tank. Hold the container upside down over the formulation equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the continer and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

NOTICE OF WARRANTY
Janssen PMP, a Division of Janssen Pharmaceutica NV warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Janssen PMP. In no case shall Janssen PMP be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. JANSSEN PMP MAKES NO WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OF IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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PMP 1305/L/U/ZR049362-CHN
325015

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS
This product is toxic to fish. Do not discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

DIRECTIONS FOR USE
It is a violation of federal law to use this product in a manner inconsistent with its labeling.

This product may be used for formulating end-use products for material preservative uses including: wood and manufactured wood products, leather, paint & coatings, stains, building materials including caulks, sealants, adhesives and binders), inks, paper and paperboard products (non-food), wallboard (drywall and gypsum board), ceiling tiles, rubber and plastic products, metalworking fluids and textiles..

Note to formulators: Formulators are responsible for providing data to support registration of products formulated from WOCOSEN Technical II.

WOCOSEN®

Technical II

Fungicide for use in formulating material preservative products

ACTIVE INGREDIENT:
Propiconazole:
1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole 95,3%
OTHER INGREDIENTS: 4,7%
TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail)

FIRST AID	
If in eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for treatment advice.
If swallowed	- Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If on skin or clothing	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. - Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER: For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Information Center at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN There is no specific antidote for WOCOSEN Technical II. Induce emesis or lavage stomach. Give a saline laxative and supportive therapy.	

NET CONTENTS: 440.9 lbs. (200 kgs)
EPA Reg. No.: 43813-54 EPA Est. No.: 084148-IND-001

Manufactured for:

JANSSEN PMP
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Road
Titusville, NJ 08560-0200

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE
Store in original container, tightly closed, and in a cool, dry, well ventilated area.

PESTICIDE DISPOSAL
Pesticide wastes may be acutely hazardous. Improper disposal is a violation of federal law. Pesticide, mixtures, or equipment rinse waters that cannot be chemically reprocessed must be disposed of according to applicable federal, state or local procedures. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING
Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.
Pressure rinse as follows: Empty the remaining contents into formulating equipment or mix tank. Hold the container upside down over the formulation equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the continer and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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