OMB Control No. 2070-0020
Expires on 11/30/2016

United States
ENVIRONMENTAL PROTECTION AGENCY
Washington, DC 20460
Notice of Arrival of Pesticides and Devices

Send Completed Form to Appropriate Regional Office Listed in the Instructions for this Form.
Note: Read Instructions before completing form.

Part 1: To Be Completed by Importer of record or Licensed Customs Broker

1. Name and Complete Address of Licenced Customs Broker	2. Name and Complete Address of Importer of Record
Expeditors International Attn: Brynn Wisz 849 Thomas Drive Bensenville, IL 60106 T:630-616-2318	Nufarm Americas Inc. 11901 South Austin Avenue Alsip, IL 60803 T: 708-377-1330
☒ Return Form to this Address	☐ Return to this Address

3. Name and Complete Address of Shipper	4. EPA Registration Number	5. EPA Producer Establishment No.
Nufarm GMbH & Co. KG St.-Peter-Strasse 25 4021 Linz/Austria	35935-7	35935-AUT-001
	6. Brand Name of Product: 2,4-D Acid Technical	

7. Active Ingredients and Percentage of Each

2,4-Dichlorophenoxyacetic Acid 97.5%

8. Unit Size	9. Quantity	10. Total Net Weight	11. Country of Origin
900 Kg Bags	120	108,000 Kg	Austria

12. Port of Entry	13. Name and Complete Address of Carrier
Chicago Illinois	Evergreen Shipping Agency (America) 440 Viking Dr, Suite 120 , Virginia Beach , VA 23452 On board Glen Canyon Bridge

14. Entry Number	15. Anticipated Entry Date
231-2415996-8	February 20, 2016

17. Location of Goods for Examination after Importation	16. I assert that information constituting Confidential Business Information is shown in the above blocks numbered: (Note: Blocks 4, 5, 6 and 7 are not entitled to CBI treatment--see instructions.)
Nufarm Americas, Inc. c/o XPO Logistics Warehouse 21399 Torrence Ave. Sauk Village, IL 60411 P: 708-753-0396	

18. [Optional] For pesticides without an EPA Registration No., select all that apply: (The following information may expedite the processing of the Notice of Arrival.)

☐ 18a. A pesticide transferred between registered establishments operated by the same producer. Domestic Producer Establishment Number: _____

☐ 18b. A pesticide transferred between registered establishments not operated by the same producer. Domestic Producer Establishment Number: _____ EPA Registration Number of Product being Formulated, if applicable: _____

☐ 18c. A pesticide distributed under an Experimental Use Permit. Experimental Use Permit Number: _____

EPA Registration Number: 35935-7	Product Name: 2,4-D Acid Technical
Total Net Weight: 108,000 Kg	Entry Number: 231-2415996-8

☐ 18d. A Pesticide distributed for research and development purposes without an Experimental Use Permit.

☐ 18e. A pesticide transferred solely for export. Domestic Producer Establishment Number: _____

☐ 18f. A pesticide distributed under an emergency exemption. Emergency Exemption Number: _____

☐ 18g. A pesticide transferred for the purposes of disposal.

☐ 18h. Other. Provide an explanation including the intended use and a description of why the product is being imported into the United States in Block 19 -- Remarks.

19. Remarks. Provide additional information here. It is recommended that a copy of the label affixed to the product be submitted with the NOA.

Container numbers:
TEMU4353911, TEMU4138919, EMCU6032229, EITU0399229, EITU0360612, EGHU3082685

Certification

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

20. Printed Name of Importer of Record or Licensed Customs Broker	Vic Sweetwood	Telephone No.:	708-377-1365
21. Signature of Importer of Record or Licensed Customs Broker:	Vic Sweetwood	Date:	February 4, 2016

Part II: To Be Completed by U.S. Environmental Protection Agency

Action to be taken by U.S. Customs and Border Protection:

☐ Release Shipment ☐ Detain for inspection ☐ Release shipment to consignee under bond. Shipment must be held intact pending inspection.

☐ Other. (Specify)

Remarks:

Signature and Title of EPA Official:	Date:

Part III: To Be Completed by U.S. Customs and Border Protection

The information shown in Part I was compared with the entry papers for this shipment and no discrepancies were noted. The shipment was handled as instructed by EPA in Part II. Any deviations should be brought to the attention of EPA before releasing the shipment and should be noted in "Remarks."

Remarks:

Signature of District Director of Customs:	Date:

Paperwork Reduction Act Notice: The estimated average time to read the instructions and complete this form is 26 minutes. Send comments regarding the burden estimates or any other aspect of this collection of information to: Director, Collection Strategies Division, Office of Environmental Information (OEI), U.S. Environmental Protection Agency (Mail Code 2822), 1200 Pennsylvania Avenue, NW, Washington, DC 20460. Include OMB number 2070-0020 in any correspondence.

2, 4-D ACID TECHNICAL

FOR MANUFACTURING OF HERBICIDES ONLY

ACTIVE INGREDIENT:

2,4-Dichlorophenoxyacetic acid..... 97.5%
OTHER INGREDIENTS:..... 2.5%
TOTAL 100.0%

EPA Reg. No. 35935-7 **EPA Est. No. 35935-AUT-001**

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE BELOW FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure,
Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID	
IF IN EYES	• Hold eye open and rinse slowly and gently with water for 15 to 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 by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF INHALED	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

NOTE TO PHYSICIAN

For eye irritation, examination by an ophthalmologist may be indicated. If swallowed, probable mucosal damage may contraindicate the use of gastric lavage. Product contains a phenoxy herbicide chemical. There is no specific antidote.

ENVIRONMENTAL HAZARDS

This chemical is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or to 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 EPA.

DIRECTIONS FOR USE

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

Only for formulation into a herbicide for the following uses:

1) AGRICULTURAL CROPS: Corn (Field, Pop and Sweet), Cereal Grains (Barley, Millet, Oats, Rye and Wheat), Rice, Sorghum (Grain and Forage), Soybeans (preplant), Sugarcane, Grasses Grown for Seed or Sod, Rangeland, Fallow Cropland, Crop Stubble, Pasture, Annual Grasses, Perennial Grasses, Asparagus, Blueberries, Cranberries, Grapes (only in California), Hops, Orchard Floors (Pome Fruits, Stone Fruit, Nut Orchards, Filberts, Pistachios), Potatoes (fresh market only), and Strawberries.

   TERRESTRIAL NONFOOD CROPS: Ornamental trees, shrubs and vines; Ornamental Turf (including golf courses, cemeteries, parks, sports fields, turfgrass, lawns and other grass areas); Uncultivated agricultural areas; Uncultivated nonagricultural areas (including fencerows, hedgerows, roadsides, ditches, rights-of-way, utility power lines, railroads, airports, and industrial sites; General soil treatment; Recreation areas; Industrial sites; Paved areas and Outdoor areas.

   AQUATIC SITES: Agricultural irrigation water and ditches; Agricultural drainage water and ditches; Lakes, ponds, and impounded water; streams, rivers, and canals; Industrial ponds; Swamps, marshes, wetlands; Estuaries, tidal marshes; and commercial and sport fish bearing waters.

   FORESTRY SITES: Forest Site Preparation, Forest Roadsides, Tree and Brush Control, Established Conifer Release, Christmas trees, reforestation areas, tree injection treatments.

2) Uses for which US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration.

3) Uses for experimental purposes that are in compliance with US EPA requirements.

This product may be used to formulate products for any additional uses not listed on the MP label if the formulator, user group, or grower has complied with US EPA submission requirements regarding support of such uses.

Wettable powder formulations must be packaged in water-soluble packages.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Always use original container to store pesticides in a cool, dry secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. Containers should be opened in well ventilated areas. Keep container tightly sealed when not in use.
PESTICIDE DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. Place in closed labeled container. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate ground water. 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.

STORAGE AND DISPOSAL (*continued*)

CONTAINER DISPOSAL:
Nonrefillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging material. Empty residue into formulating equipment. Offer for recycling if available. Then dispose of bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV030411)REV1
12002000

Made in Austria

NET WEIGHT: 1984 Lbs (900 Kg)

Manufactured For
NUFARM LIMITED
4020 Aerial Center Parkway
Morrisville, NC 27560

Nufarm

Nufarm

1. IDENTIFICATION

Product Name: **2,4-D Technical**
EPA Reg. No.: 35935-7
Product Type: For Manufacturing of Herbicides and Plant Growth Regulators Only

Company Name: Nufarm Limited
4020 Aerial Center Parkway
Morrisville, NC 27560
1-800-345-3330

Telephone Numbers: **For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident,**
Call CHEMTREC Day or Night: 1-800-424-9300
For Medical Emergencies Only, Call 1-877-325-1840

This product is an EPA FIFRA registered pesticide. Some classifications on this SDS are not the same as the FIFRA label. Certain sections of this SDS are superseded by federal law governed by EPA for a registered pesticide. Please see Section 15. REGULATORY INFORMATION for explanation.

2. HAZARDS IDENTIFICATION

HEALTH HAZARDS

Serious eye damage/eye irritation	Category 1
Acute toxicity, oral	Category 4
Specific target organ toxicity – Singe exposure	Category 3
Skin Sensitization	Category 1

ENVIRONMENTAL HAZARDS

Hazardous to aquatic environment, acute	Category 2
Hazardous to aquatic environment, chronic	Category 3

SIGNAL WORD
DANGER

HAZARD STATEMENTS:
Causes serious eye damage. Harmful if swallowed. May cause respiratory irritation. May cause an allergic skin reaction. Toxic to aquatic life.

PRECAUTIONARY STATEMENTS

Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection and protective gloves.

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Dispose of contents in accordance with local, state, and federal regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO.	% BY WEIGHT
2,4-Dichlorophenoxyacetic Acid	94-75-7	97.5
2,4-Dichlorophenol	120-83-2	< 0.3
Proprietary process impurities	Trade Secret	Trade Secret

Synonyms: 2,4-D; 2,4-Dichlorophenoxyacetic acid

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get immediate medical attention.
If Swallowed: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. If symptoms develop, get medical advice..
If Inhaled: Move person to fresh air. If breathing is difficult, administer oxygen. If symptoms develop, get medical advice..
If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. If irritation or rash occurs, get medical advice.
Most important symptoms/effects: Causes severe eye irritation with possible eye damage. Causes respiratory irritation. May be harmful if swallowed. May cause allergic skin reaction (sensitization).
Indication of immediate medical attention and special treatment needed, if necessary: Get immediate medical attention for eye contact. For ingestion there is no specific antidote available. Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Recommended for large fires: foam or water spray. Recommended for small fires: dry chemical or carbon dioxide.
Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full fire-fighting turn out gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.
Unusual Fire and Explosion Hazards: Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source, is a potential dust explosion hazard. If water is used to fight fire, contain runoff, using dikes to prevent contamination of water supplies. Dispose of fire control water later.
Hazardous Decomposition Materials (Under Fire Conditions): May produce gases such as hydrogen chloride and oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.
Environmental Precautions: Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.
Methods for Containment: Dike spill using absorbent or impervious materials such as earth, sand or clay. Collect and contain contaminated absorbent and dike material for disposal.
Methods for Clean-Up and Disposal: Avoid creation of dusty conditions. Scrape up and place in appropriate closed container. Decontaminate tools and equipment following cleanup. See Section 13: DISPOSAL CONSIDERATIONS for more information.
Other Information: Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Large spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

7. HANDLING AND STORAGE

Handling:
Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.

Do not get in eyes or on clothing. Avoid breathing dust. Avoid contact with skin. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/Personal Protective Equipment (PPE) immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove Personal Protective Equipment (PPE) immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Storage:
Store only in original container unless an emergency requires that a different container replace a damaged container. In such case, clearly label contents. Store in a secured warehouse, storage building or fenced storage yard, preferably in a location that is cool and dry. Do not store in close proximity to seeds, fertilizers, insecticides or fungicides. Containers should be opened in well ventilated areas. Keep container sealed when not in use. Do not contaminate water, food or feed by storage or disposal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:
Where engineering controls are indicated by specific use conditions or a potential for excessive exposure, use local exhaust ventilation at the point of generation.

Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Personal Protective Equipment:
Eye/Face Protection: To avoid contact with eyes, wear chemical goggles. An emergency eyewash or water supply should be readily accessible to the work area.
Skin Protection: To avoid contact with skin, wear long pants, long-sleeved shirt, shoes plus socks and chemical-resistant gloves made of any waterproof material. An emergency shower or water supply should be readily accessible to the work area.
Respiratory Protection: Not normally required. If dusts exceed acceptable levels, wear NIOSH approved air-purifying respirator with cartridges/canisters approved for use against pesticides.
General Hygiene Considerations: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) Do not store, use and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.

Exposure Guidelines:

	OSHA		ACGIH		
Component	TWA	STEL	TWA	STEL	Unit
2,4-D	10	NE	10 (inhalable, skin)	NE	mg/m^3
2,4-Dichorophenol	NE	NE	NE	NE	
Proprietary Process Impurities	N/A	N/A	N/A	N/A	

NE = Not Established
N/A= Not Applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White colored powder
Odor:	Slight phenolic odor.
Odor threshold:	No data available
pH:	3 – 4
Melting point/freezing point:	>137° C
Initial boiling point and boiling range	Not applicable
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	Not applicable
Vapor pressure:	1.9×10^{-5} Pa @ 25° C
Vapor density:	Not applicable
Relative density:	1.52
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	No data available
Autoignition temperature:	Not applicable
Decomposition temperature:	No data available
Viscosity:	Not applicable

Note: Physical data are typical values, but may vary from sample to sample. A typical value should not be construed as a guaranteed analysis or as a specification.

10. STABILITY AND REACTIVITY

Reactivity: This product is not normally reactive.
Chemical Stability: This material is stable under normal handling and storage conditions.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Keep away from heat, sparks and open flame. Minimize dust generate and accumulation.
Incompatible Materials: Strong oxidizing agents: bases and acids.
Hazardous Decomposition Products: Under fire conditions may produce gases such as hydrogen chloride and oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure: Inhalation, eye and skin contact.
Symptoms of Exposure: Respiratory irritation, Eye Irritation, Skin irritation
Delayed, immediate and chronic effects of exposure: Respiratory irritation, Eye Irritation, Skin irritation

TOXICOLOGICAL DATA:
Data from laboratory studies conducted on 2,4-D Acid Technical:

Oral: Rat LD_{50}: 699 mg/kg
Dermal: Rabbit LD_{50}: >2,000 mg/kg
Inhalation: Rat 4-hr LC_{50}: >1.79 mg/l
Eye Irritation: Rabbit: Severely irritating/corrosive
Skin Irritation: Rabbit: Mildly irritating
Skin Sensitization: Not a contact sensitizer in guinea pigs following repeated skin exposure.

Subchronic (Target Organ) Effects: Repeated overexposure to phenoxy herbicides may cause effects to liver, kidneys, blood chemistry, and gross motor function. Rare cases of peripheral nerve damage have been reported, but extensive animal studies have failed to substantiate these observations, even at high doses for prolonged periods.
Carcinogenicity / Chronic Health Effects: Prolonged overexposure to phenoxy herbicides can cause liver, kidney and muscle damage. The International Agency for Research on Cancer (IARC) lists exposure to chlorophenoxy herbicides as a class 2B carcinogen, the category for limited evidence for carcinogenicity in humans. However, more current 2,4-D lifetime feeding studies in rats and mice did not show carcinogenic potential. The U.S. EPA has given 2,4-D a Class D classification (not classifiable as to human carcinogenicity).
Reproductive Toxicity: No impairment of reproductive function attributable to 2,4-D have been noted in laboratory animal studies.

Developmental Toxicity: Studies in laboratory animals with 2,4-D have shown decreased fetal body weights and delayed development in the offspring at doses toxic to mother animals

Germ Cell Mutagenicity: There have been some positive and some negative studies, but the weight of evidence is that 2,4-D is not mutagenic.

12. ECOLOGICAL INFORMATION

Environmental Hazards:
This product is toxic to fish and aquatic invertebrates.

Ecotoxicity:
Data on 2,4-D Acid:

96-hour LC_{50} Rainbow Trout:	100 mg/l	Mallard Duck LC_{50}:	>1,000 ppm
48-hour LC_{50} Daphnia:	1.4 mg/l	Mallard Duck 8-day Dietary LC_{50}:	>5,000 ppm

Environmental Fate:
In laboratory and field studies the typical half-life of 2,4-D acid ranged from a few days to a few weeks.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. Place in closed labeled container. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate ground water. 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 and Disposal:
Nonrefillable container. Do not reuse or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging material. Empty residue into formulating equipment. Offer for recycling if available. Then dispose of bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORTATION INFORMATION

Follow the precautions indicated in Section 7: HANDLING AND STORAGE of this SDS.

DOT

< 100 pounds per container
Non Regulated

≥ 100 pounds per container
UN 3077, RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., (2,4-D ACID), 9, III

IMDG
Non Regulated

IATA
Non Regulated

15. REGULATORY INFORMATION

EPA FIFRA INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

DANGER: Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

U.S. FEDERAL REGULATIONS

TSCA Inventory: This product is exempted from TSCA because it is solely for FIFRA regulated use.

SARA Hazard Notification/Reporting:
Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370):
Acute Health, Fire Hazard

Section 313 Toxic Chemical(s):
Acetic Acid, (2,4-Dichlorophenoxy)- (CAS No. 94-75-7), 97.5% equivalent by weight in product
2,4-Dichlorophenol (CAS No. 120-83-2) <0.3% equivalent by weight in product

Reportable Quantity (RQ) under U.S. CERCLA:
Acetic Acid, (2,4-Dichlorophenoxy) - (CAS No. 94-75-7) 100 pounds
2,4-Dichlorophenol (CAS No. 120-83-2) 100 pounds

RCRA Waste Code:
Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

State Information:
Other state regulations may apply. Check individual state requirements.

California Proposition 65: Not Listed.

16. OTHER INFORMATION

National Fire Protection Association (NFPA) Hazard Rating:
Rating for this product: Health: 3 **Flammability:** 2 **Reactivity:** 0
Hazards Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-ACCEPTED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling. It is a violation of Federal law to use a pesticide product in any manner not prescribed on the EPA-accepted label.

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, Nufarm Americas Inc. makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Nufarm Americas Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS AND ALL SUCH WARRANTIES ARE HEREBY SPECIFICALLY DISCLAIMED.

Date of Issue: February 2, 2015 **Supersedes:** April 2, 2014