Form Approved OMB No. 2070-0060 **UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460**

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DATA MATRIX

Date 4/22/2020	EPA Reg No./File Symbol 87655-x	Page 1of 5
Applicant's/Registrant's Name & Address Orion Fomes, LLC 340 W. 32nd Street #383, Yuma, AZ 85364	Product Thidiazuron Technical	

Ingredient Thidiazuron

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT CHEMISTRY					
830.1550	product identification and disclosure of ingredients	51134401	Orion Fomes, LLC	OWN	
830.1600	description of beginning materials	51134401	Orion Fomes, LLC	OWN	
830.1620	description of manufacturing process	51134401	Orion Fomes, LLC	OWN	
830.1670	discussion of formation of impurities	51134401	Orion Fomes, LLC	OWN	
830.1700	preliminary analysis	51134402	Orion Fomes, LLC	OWN	
830.1750	certification of limits	51134401	Orion Fomes, LLC	OWN	
830.1800	enforcement analytical method	51134402	Orion Fomes, LLC	OWN	
830.6302	color	48832303	Nufarm Limited	PAY	
830.6303	physical state	48832303	Nufarm Limited	PAY	
830.6304	odor	48832303	Nufarm Limited	PAY	
830.6313	stability to normal and elevated temperatures	48832303	Nufarm Limited	PAY	
830.6314	oxidation / reduction: chemical incompatibility	45601901	BASF Sparks LLC	PAY	

Signature	Name and Title: Robert Hawk, Agent	Date: 4/22/2020
Robert Hawk		

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Ingredient Thidiazuron

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PRODUCT CHEMISTRY					
			Orion Fomes, LLC	OWN	
			Orion Fomes, LLC	OWN	
			Orion Fomes, LLC	OWN	
			Orion Fomes, LLC	OWN	
			Orion Fomes, LLC	OWN	
			Orion Fomes, LLC	OWN	
			Orion Fomes, LLC	OWN	
			Nufarm Limited	PAY	
			Nufarm Limited	PAY	
			Nufarm Limited	PAY	
			Nufarm Limited	PAY	
			BASF Sparks LLC	PAY	

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Ingredient Thidiazuron

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6315	flammability	45601901	BASF Sparks LLC	PAY	
830.6316	explodability	45601901	BASF Sparks LLC	PAY	
830.6317	storage stability	45601901	BASF Sparks LLC	PAY	
630.6319	miscibility		Not applicable; not a liquid		
830.6320	corrosion characteristics	45601901	BASF Sparks LLC	PAY	
830.6321	dielectric breakdown voltage		Not applicable; not for use indoors		
830.7000	pH	48832303	Nufarm Limited	PAY	
830.7050	UV / visible absorption	45601901	BASF Sparks LLC	PAY	
830.7100	viscosity		Not applicable; not a liquid		
830.7200	melting point	48832303	Nufarm Limited	PAY	
830.7220	boiling point		Not applicable; not a liquid		
830.7300	density / relative density/specific gravity	48832303	Nufarm Limited	PAY	
830.7370	dissociation constant in water	41364901	Agrevo USA Co.	OLD	

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Ingredient Thidiazuron

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			BASF Sparks LLC	PAY	
			BASF Sparks LLC	PAY	
			BASF Sparks LLC	PAY	
			Not applicable; not a liquid		
			BASF Sparks LLC	PAY	
			Not applicable; not for use indoors		
			Nufarm Limited	PAY	
			BASF Sparks LLC	PAY	
			Not applicable; not a liquid		
			Nufarm Limited	PAY	
			Not applicable; not a liquid		
			Nufarm Limited	PAY	
			Agrevo USA Co.	OLD	

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Ingredient Thidiazuron

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7570	octanol / water partition coefficient	41364906	Agrevo USA Co.	OLD	
830.7840	water solubility	41364906	Agrevo USA Co.	OLD	
830.7860	solubility in organic solvents	47860801	Arysta Lifescience North America LLC	PAY	
830.7950	vapor pressure	45934001	SRM Chemical, Ltd. Co.	PAY	
ACUTE TOXICITY					
870.1100	acute oral toxicity: rat	46121501	Bayer Cropscience LP	PAY	
870.1200	acute dermal toxicity	46121501	Bayer Cropscience LP	PAY	
870.1300	acute inhalation toxicity	46121501	Bayer Cropscience LP	PAY	
870.2400	acute eye irritation	45601908	BASF Sparks LLC	PAY	
870.2500	acute dermal irritation	45601909	BASF Sparks LLC	PAY	
870.2600	skin sensitization	46121501	Bayer Cropscience LP	PAY	

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Ingredient Thidiazuron

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Agrevo USA Co.	OLD	
			Agrevo USA Co.	OLD	
			Arysta Lifescience North America LLC	PAY	
			SRM Chemical, Ltd. Co.	PAY	
ACUTE TOXICITY					
			Bayer Cropscience LP	PAY	
			Bayer Cropscience LP	PAY	
			Bayer Cropscience LP	PAY	
			BASF Sparks LLC	PAY	
			BASF Sparks LLC	PAY	
			Bayer Cropscience LP	PAY	

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Ingredient Thidiazuron

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Series 870 other: cite-all	Toxicology: generic data	multiple	Bayer Cropscience LP	PAY	
Series 810: cite-all	Product Performance: generic data		Macdermid Agricultural Solutions, Inc.	PAY	
Series 835: cite-all	Fate, Transport and Transformation: generic data		Loveland Products, Inc.	PAY	
Series 840: cite-all	Spray Drift: generic data		Nufarm Limited	PAY	
Series 850: cite-all	Ecological Effects: generic data		BASF Sparks LLC	PAY	
Series 860: cite-all	Residue Chemistry: generic data		Makhteshim Agan of North America, Inc.	PAY	
Series 875: cite-all	Occupational and Residential Exposure: generic data		Arysta Lifescience North America, LLC	PAY	
			Spray Drift Task Force	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			Nations Ag II, LLC	PAY	
			SRM Chemical, Ltd. Co	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Agricultural Handler Exposure Task Force	PAY	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bayer Cropscience LP	PAY	
			Macdermid Agricultural Solutions, Inc.	PAY	
			Loveland Products, Inc.	PAY	
			Nufarm Limited	PAY	
			BASF Sparks LLC	PAY	
			Makhteshim Agan of North America, Inc.	PAY	
			Arysta Lifescience North America, LLC	PAY	
			Spray Drift Task Force	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
			Nations Ag II, LLC	PAY	
			SRM Chemical, Ltd. Co	PAY	
			FIFRA Endangered Species Task Force	PAY	
			Agricultural Handler Exposure Task Force	PAY	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Winfield Solutions	PAY	
			Adama Celsius Property B.V., Amsterdam	PAY	
			Generic Endangered Species Task Force	PAY	
			Liberty Crop Protection	PAY	
Series 870 other: cite-all	Toxicology: generic data				
Series 810: cite-all	Product Performance: generic data				
Series 835: cite-all	Fate, Transport and Transformation: generic data				
Series 840: cite-all	Spray Drift: generic data	multiple			
Series 850: cite-all	Ecological Effects: generic data				
Series 860: cite-all	Residue Chemistry: generic data				
Series 875: cite-all	Occupational and Residential Exposure: generic data				

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Winfield Solutions	PAY	
			Adama Celsius Property B.V., Amsterdam	PAY	
			Generic Endangered Species Task Force	PAY	
			Liberty Crop Protection	PAY	

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