according to the OSHA Hazard Communication Standard



ELATUS FUNGICIDE

Version 0.0	Revision Date: 06/17/2024		OS Number: 0051893203	Date of last issue: - Date of first issue: 06/17/2024	
SECTION	1. IDENTIFICATION				
Product name Design code		-	ELATUS FUNGICIDE A18126B		
Product Registration number		:	100-1480		
Manu	facturer or supplier's o	deta	iils		
Company name of supplier Address			Syngenta Crop P Post Office Box 1 Greensboro NC 2 United States of 2	8300 27419	
	Telephone Telefax		1 800 334 9481 1 336 632 2192		
E-mail address Emergency telephone		:	sds.requests@sy 1 800 888 8372	ngenta.com	

Recommended use of the chemical and restrictions on use

Recommended use	:	Fungicide
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SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Combustible dust

Acute toxicity (Oral)	:	Category 4
Eye irritation	:	Category 2A
Skin sensitization	:	Category 1
Specific target organ toxicity - repeated exposure	:	Category 2 (Bile duct)

GHS label elements Hazard pictograms

:		
	U	

Signal Word	:	Warning
Hazard Statements	:	May form combustible dust concentrations in air. H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H373 May cause damage to organs (Bile duct) through pro- longed or repeated exposure.

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Preca	uutionary Statements	P270 Do not ea P272 Contamir the workplace.	reathe dust. In thoroughly after handling. at, drink or smoke when using this product. hated work clothing must not be allowed out of prective gloves/ eye protection/ face protection.
		CENTER/ doct P302 + P352 If P305 + P351 + for several min to do. Continue P314 Get medi P333 + P313 If attention. P337 + P313 If tion.	P330 IF SWALLOWED: Call a POISON or if you feel unwell. Rinse mouth. FON SKIN: Wash with plenty of soap and water P338 IF IN EYES: Rinse cautiously with water utes. Remove contact lenses, if present and eas e rinsing. cal advice/ attention if you feel unwell. skin irritation or rash occurs: Get medical advice e eye irritation persists: Get medical advice/ atter ntaminated clothing before reuse.
		Disposal: P501 Dispose posal plant.	of contents/ container to an approved waste dis-

Other hazards

May form combustible dust concentrations in air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical name	CAS-No.	Concentration (% w/w)
limestone	1317-65-3	>= 30 - < 50
Azoxystrobin	131860-33-8	30
residues (petroleum), catalytic re- former fractionator, sulfonated, poly- mers with formaldehyde, sodium salts	68425-94-5	>= 10 - < 20
benzovindiflupyr	1072957-71-1	15
dioxosilane	14808-60-7	>= 0.1 - < 1
methanol	67-56-1	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	Have the product container, label or Safety Dat you when calling the emergency number, a poi center or physician, or going for treatment.	
If inhaled	Take the victim into fresh air. If breathing is irregular or stopped, administer a	artificial

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		Call a physicia	varm and at rest. n or poison control center immediately.			
In case of skin contact		 Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use. 				
In case of eye contact		for at least 15 Remove conta	 Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Immediate medical attention is required. 			
If swallowed		container or la	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.			
Most important symptoms and effects, both acute and delayed		: Nonspecific No symptoms Harmful if swa May cause an Causes seriou	known or expected.			
Notes to physician		•	ecific antidote available. natically.			

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Extinguishing media - small fires Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Extinguishing media - large fires Alcohol-resistant foam or Water spray
Unsuitable extinguishing media	:	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards during fire fighting	:	As the product contains combustible organic ingredients, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.
Further information	:	Do not allow run-off from fire fighting to enter drains or water courses.
Special protective equipment for fire-fighters	:	Cool closed containers exposed to fire with water spray. Wear full protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Refer to protective measures listed in sections 7 and 8.
	Avoid dust formation.

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6.2 Enviro	nmental precautions				
Environmental precautions :		If the product co	Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.		
6.3 Metho	ds and material for co	ntainment and clear	ning up		
Methods for cleaning up		cleaner or by we disposal accord Do not create a air. Clean contamin Clean with dete	e, pick up with an electrically protected vacuum et-brushing and transfer to a container for ing to local regulations (see section 13). powder cloud by using a brush or compressed ated surface thoroughly. rgents. Avoid solvents. ose of contaminated wash water.		

6.4 Reference to other sections

For disposal considerations see section 13., Refer to protective measures listed in sections 7 and 8.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	: This material is capable of forming flammable dust clouds in air, which, if ignited, can produce a dust cloud explosion. Flames, hot surfaces, mechanical sparks and electrostatic discharges can serve as ignition sources for this material. Electrical equipment should be compatible with the flammability characteristics of this material. The flammability characteristics will be made worse if the material contains traces of flammable solvents or is handled in the presence of flammable solvents.
Conditions for safe storage	 This material can become readily charged in most operations. Avoid contact with skin and eyes. When using do not eat, drink or smoke. For personal protection see section 8. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
limestone	1317-65-3	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respir- able fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respir- able dust	5 mg/m3	OSHA P0

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		fraction)		
		TWA (Res-	5 mg/m3	NIOSH REL
		pirable)	(Calcium car-	
			bonate)	
		TWA (total)	10 mg/m3	NIOSH REL
			(Calcium car-	
			bonate)	
Azoxystrobin	131860-33-8	TWA	0.7 mg/m3	Syngenta
benzovindiflupyr	1072957-71- 1	TWA	1 mg/m3	Syngenta
dioxosilane	14808-60-7	TWA (respir- able)	10 mg/m3 / %SiO2+2	OSHA Z-3
		TWA (respir-	250 mppcf	OSHA Z-3
		able)	/ %SiO2+5	
		TWA (respir-	0.1 mg/m3	OSHA P0
		able dust		
		fraction)		
		TWA (Res-	0.025 mg/m3	ACGIH
		pirable par-	(Silica)	
		ticulate mat-		
		ter)		
		TWA (Res-	0.05 mg/m3	NIOSH REL
		pirable dust)	(Silica)	
		TWA (Res-	0.05 mg/m3	OSHA Z-1
		pirable dust)		
methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm	NIOSH REL
			260 mg/m3	
		ST	250 ppm	NIOSH REL
			325 mg/m3	
		TWA	200 ppm	OSHA Z-1
			260 mg/m3	
		STEL	250 ppm	OSHA P0
			325 mg/m3	
		TWA	200 ppm	OSHA P0
			260 mg/m3	

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
methanol	67-56-1	Methanol	Urine	End of shift (As soon as possible after exposure ceases)	15 mg/l	ACGIH BEI

Engineering measures

: THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THE PRODUCT. FOR COMMERCIAL

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ELATUS FUNGICIDE SDS Number: Version Revision Date: Date of last issue: -06/17/2024 Date of first issue: 06/17/2024 0.0 S00051893203 APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL. Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. Maintain air concentrations below occupational exposure standards. Where necessary, seek additional occupational hygiene advice. Personal protective equipment Respiratory protection No personal respiratory protective equipment normally 5 required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Hand protection Remarks Wear protective gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The break through time depends amongst other things from the material, the thickness and the type of glove and therefore has to be measured for each case. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Eye protection Tightly fitting safety goggles Always wear eye protection when the potential for inadvertent eye contact with the product cannot be excluded. Skin and body protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Remove and wash contaminated clothing before re-use. Wear as appropriate: Dust impervious protective suit The use of technical measures should always have priority Protective measures over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	solid
Color	:	beige to dark brown
Odor	:	weak, uncharacteristic

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	Odor Threshold	:	No data available	
	рН	:	> 8.50 - 10.50 (68 Concentration: 1	8 - 77 °F / 20 - 25 °C) %w/v
	Melting point/freezing point	:	No data available)
	Initial boiling point and boiling range	:	No data available	
	Flash point	:	No data available)
	Evaporation rate	:	No data available	9
	Flammability (solid, gas)	:	May form combu	stible dust concentrations in air.
	Burning number	:	2 (68 °F / 20 °C)	
			2 (212 °F / 100 °C	C)
	Upper explosion limit / Upper flammability limit	:	No data available	
	Lower explosion limit / Lower flammability limit	:	No data available)
	Vapor pressure	:	No data available	
	Relative vapor density	:	No data available	
	Density	:	1 g/cm3	
	Bulk density	:	0.56 g/cm3	
	Solubility(ies) Water solubility	:	No data available	9
	Solubility in other solvents	:	No data available	9
	Partition coefficient: n-	:	No data available	9
	octanol/water Autoignition temperature	:	No data available	9
	Decomposition temperature	:	No data available	9
	Minimum ignition temperature	:	500 °C	
	Viscosity Viscosity, kinematic	:	No data available	9
	Explosive properties	:	Not explosive	
	Oxidizing properties	:	The substance or	r mixture is not classified as oxidizing.

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Surfa	ce tension	: 38.0 mN/m,	14.000 %, 68 °F / 20 °C
Minim	num ignition energy	: 100 - 300 m.	
	le characteristics le size	: No data avai	lable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	None reasonably foreseeable.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	No dangerous reaction known under conditions of normal use.
tions		
Conditions to avoid	:	No decomposition if used as directed.
Incompatible materials	:	None known.
Hazardous decomposition	:	No hazardous decomposition products are known.
products		

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion Inhalation Skin contact Eye contact	•	
Acute toxicity Harmful if swallowed.		
Product:		
Acute oral toxicity	:	LD50 (Rat, female): 1,049 mg/kg
Acute inhalation toxicity	:	LC50 (Rat, male and female): > 5.01 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala- tion toxicity
Acute dermal toxicity	:	LD50 (Rat, male and female): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity
Components:		
Azoxystrobin: Acute oral toxicity	:	LD50 (Rat, male and female): > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat, female): 0.698 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	LD50 (Rat, male and female): > 2,000 mg/kg

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ELATUS FUNGICIDE Version Revision Date: SDS Number: Date of last issue: -S00051893203 Date of first issue: 06/17/2024 0.0 06/17/2024 Assessment: The substance or mixture has no acute dermal toxicity benzovindiflupyr: Acute oral toxicity LD50 (Rat, female): 55 mg/kg 2 Acute inhalation toxicity LC50 (Rat, male and female): > 0.56 mg/l 2 Exposure time: 4 h Test atmosphere: dust/mist Acute dermal toxicity LD50 (Rat, male and female): > 2,000 mg/kg : Assessment: The substance or mixture has no acute dermal toxicity methanol: Assessment: The component/mixture is toxic after single in-Acute oral toxicity 5 gestion. Acute inhalation toxicity : Assessment: The component/mixture is toxic after short term inhalation. Acute dermal toxicity : Assessment: The component/mixture is toxic after single contact with skin. Skin corrosion/irritation Based on available data, the classification criteria are not met. Product: **Species** Rabbit ÷ Result No skin irritation ÷ **Components:** Azoxystrobin: Species Rabbit : Result No skin irritation 5 benzovindiflupyr: Species Rabbit 2 No skin irritation Result : methanol: Species 1 Rabbit Result No skin irritation ÷ Serious eye damage/eye irritation Causes serious eye irritation. Product: Species : Rabbit

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Resu	lt	:	Irritation to eyes,	reversing within 21 days
Com	ponents:			
Azox	ystrobin:			
Spec Resu		:	Rabbit No eye irritation	
	lues (petroleum), catal , sodium salts:	lytic	reformer fraction	ator, sulfonated, polymers with formalde-
Resu Meth		:	Irritation to eyes, in vitro eye irritati	reversing within 21 days on test
benz	ovindiflupyr:			
Spec Resu		:	Rabbit No eye irritation	
meth	anol:			
Spec Resu		:	Rabbit No eye irritation	
Resp	iratory or skin sensiti	zatic	on	
-	sensitization cause an allergic skin re	eactio	วท	
Resp	Firatory sensitization lassified due to lack of a			
Prod	uct:			
Spec Resu		:	Guinea pig The product is a	skin sensitizer, sub-category 1B.
Com	ponents:			
Azox	ystrobin:			
Spec Resu		:	Guinea pig Does not cause s	kin sensitization.
benz	ovindiflupyr:			
Test		:	mouse lymphoma	a cells
Spec Resu		:	Mouse Does not cause s	kin sensitization.
	anol:			
Spec Resu		:	Guinea pig Does not cause s	kin sensitization.

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Germ	cell mutagenici	ty		
	-	•	sification criteria	are not met.
Produ	ict:			
	cell mutagenicity sment	·- :	Animal testing	did not show any mutagenic effects.
<u>Comp</u>	onents:			
Azoxy	vstrobin:			
	cell mutagenicity sment	- :	Animal testing	did not show any mutagenic effects.
benzo	vindiflupyr:			
	cell mutagenicity sment	·- :	Animal testing	did not show any mutagenic effects.
metha				
	cell mutagenicity sment	- :	Animal testing	did not show any mutagenic effects.
	nogenicity assified due to la	ck of data		
<u>Comp</u>	onents:			
-	vstrobin: logenicity - Asse	ss- :	No evidence of	carcinogenicity in animal studies.
benzo	vindiflupyr:			
Carcir ment	ogenicity - Asse	SS- :	cinogen, This s	ence does not support classification as a car- ubstance has been reported to cause tumors species., These is no evidence that these find nt to humans.
dioxo	silane:			
Carcir ment	ogenicity - Asse	SS- :	Weight of evide cinogen	ence does not support classification as a car-
			mans for the ca form of quartz of experimental and was noted how all industrial circ	luded that there is sufficient evidence in hu- arcinogenicity of inhaled crystalline silica in the or cristobalite from occupational sources and himals from quartz and cristobalite (Group 1). ever, that carcinogenicity was not detected in cumstances and may be dependent on inher- tics of the crystalline silica or external factors logical activity.
metha				
Carcir ment	ogenicity - Asse	ss- :	No evidence of	carcinogenicity in animal studies.
IARC	Group dioxos		ogenic to humans	14808-60-7

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	(Silica dust	, crystalline)	
	,	· · ·	
OSHA		nent of this produc list of regulated c	present at levels greater than or equal to 0.1% arcinogens.
NTP	dioxosilane	be human carcinog 9 stalline (Respirabl	14808-60-7
-	oductive toxicity assified due to lack o	f data.	
	onents:		
	/strobin:		
-	ductive toxicity - As-	: No toxicity	to reproduction, No effects on or via lactation
	ovindiflupyr: ductive toxicity - As- nent	: No toxicity	to reproduction
metha	anol:		
Repro sessm	ductive toxicity - As-	: No toxicity	to reproduction
	-single exposure assified due to lack o	f data.	
Comp	onents:		
benzo	ovindiflupyr:		
Asses	sment		nce or mixture is not classified as specific target ant, single exposure.
	anol:		
metha	t Organs	: Eves, Cen	ral nervous system
Targe	sment	: The substa	nce or mixture is classified as specific target org ngle exposure, category 1.
Targe Asses		: The substation toxicant, si	
Targe Asses STOT	sment -repeated exposure	The substation toxicant, si	
Targe Asses STOT May c	sment -repeated exposure	The substation toxicant, si	ngle exposure, category 1.
Targe Asses STOT May c <u>Comp</u> Azoxy	sment -repeated exposure ause damage to orga onents: vstrobin:	The substation toxicant, si	ngle exposure, category 1.
Targe Asses STOT May c Comp Azoxy Targe	sment -repeated exposure ause damage to orga conents:	: The substa toxicant, si ans (Bile duct) thro : Bile duct : The substa	ngle exposure, category 1.
Targe Asses STOT May c Comp Azoxy Targe Asses	sment -repeated exposure ause damage to orga <u>conents:</u> /strobin: t Organs	: The substa toxicant, si ans (Bile duct) thro : Bile duct : The substa	ngle exposure, category 1. ugh prolonged or repeated exposure. unce or mixture is classified as specific target org

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diox	osilane:		
	es of exposure	: Inhalation	
	et Organs	: Lungs	
Asse	ssment		e or mixture is classified as specific target orga ated exposure, category 1.
meth	anol:		
Asse	ssment		e or mixture is not classified as specific target , repeated exposure.
Aspi	ration toxicity		
Not c	lassified due to lack	of data.	
SECTION	12. ECOLOGICAL I	NEORMATION	
2011011			
Ecot	oxicity		
<u>Prod</u>	uct:		
Toxic	city to fish	: LC50 (Oncorh	ynchus mykiss (rainbow trout)): 0.032 mg/l

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.032 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.22 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Raphidocelis subcapitata (freshwater green alga)): 0.97 mg/l Exposure time: 96 h
		EC10 (Raphidocelis subcapitata (freshwater green alga)): 0.3 mg/l End point: Growth rate Exposure time: 96 h
Components:		
Azoxystrobin:		
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.47 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.28 mg/l Exposure time: 48 h
		EC50 (Americamysis): 0.055 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	ErC50 (Raphidocelis subcapitata (freshwater green alga)): 1.109 mg/l Exposure time: 72 h
		EC10 (Raphidocelis subcapitata (freshwater green alga)): 0.0303 mg/l

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			End point: Growth Exposure time: 72	
			ErC50 (Skeletone Exposure time: 72	ma costatum (marine diatom)): 0.250 mg/l 2 h
			NOEC (Skeletone End point: Growth Exposure time: 72	
Toxic icity)	ity to fish (Chronic tox-	:	NOEC (Oncorhyn Exposure time: 28	chus mykiss (rainbow trout)): 0.16 mg/l 3 d
			EC10 (Pimephale Exposure time: 33	s promelas (fathead minnow)): 0.2197 mg/l 3 d
aquat	ity to daphnia and other ic invertebrates (Chron-	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 0.044 mg/l I d
ic toxi	Giy)		NOEC (Americam Exposure time: 28	nysis): 0.00954 mg/l 3 d
Toxic	ity to microorganisms	:	IC50 (Pseudomor Exposure time: 6	nas putida): > 3.2 mg/l h
benzo	ovindiflupyr:			
	ity to fish	:	LC50 (Oncorhync Exposure time: 96	hus mykiss (rainbow trout)): 0.0091 mg/l S h
			LC50 (Cyprinus ca Exposure time: 96	arpio (Carp)): 0.0035 mg/l S h
	ity to daphnia and other ic invertebrates	:	EC50 (Americamy Exposure time: 96	
Toxic plants	ity to algae/aquatic	:	ErC50 (Raphidoco 0.89 mg/l Exposure time: 96	elis subcapitata (freshwater green alga)): > S h
			NOEC (Raphidoco 0.42 mg/l End point: Growth Exposure time: 96	
			ErC50 (Skeletone Exposure time: 72	ma costatum (marine diatom)): 0.55 mg/l 2 h
			NOEC (Skeletone End point: Growth Exposure time: 72	
Toxic icity)	ity to fish (Chronic tox-	:	NOEC (Pimephale mg/l Exposure time: 32	es promelas (fathead minnow)): 0.00095 2 d

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			Test Type: Early	-life Stage	
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)		:	NOEC (American Exposure time: 2	mysis): 0.0074 mg/l 28 d	
			EC10 (Daphnia magna (Water flea)): 0.012 mg/l Exposure time: 21 d		
Toxicity to microorganisms		:	EC50 (activated sludge): > 1,000 mg/l Exposure time: 3 h		
Persis	tence and degradabili	ty			
Comp	onents:				
Azoxy	strobin:				
Biodeg	radability	:	Result: Not read	ily biodegradable.	
Stabilit	y in water	:	Degradation half Remarks: Persis		
	es (petroleum), cataly sodium salts:	tic	reformer fraction	nator, sulfonated, polymers with formalde-	
Biodeg	radability	:	Result: Not read	ily biodegradable.	
benzo	vindiflupyr:				
	radability	:	Result: Not read	ily biodegradable.	
Bioaco	cumulative potential				
Comp	onents:				
Azoxy	strobin:				
Bioacc	umulation	:	Remarks: Does	not bioaccumulate.	
benzo	vindiflupyr:				
Bioacc	umulation	:	Remarks: Does	not bioaccumulate.	
Partitio octano	n coefficient: n- I/water	:	log Pow: 4.3 (77	°F / 25 °C)	
Mobili	ty in soil				
Comp	onents:				
Azoxy	strobin:				
Azoxy Distribu	ution among environ-	:	Remarks: Low m	nobility in soil.	
Azoxy Distribu mental		:	Dissipation time: Percentage dissi		

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0.0	00/17/2024	00	0031093203	
	Distribution among environ- mental compartments		Remarks: Slightly	y mobile in soils
Oth	er adverse effects			
Con	nponents:			
Res	xystrobin: ults of PBT and vPvB essment	:		persistent, bioaccumulative, and toxic (PBT). very persistent and very bioaccumulative
Res	zovindiflupyr: ults of PBT and vPvB essment	:		persistent, bioaccumulative, and toxic (PBT). very persistent and very bioaccumulative
Res	hanol: ults of PBT and vPvB essment	:		persistent, bioaccumulative, and toxic (PBT). very persistent and very bioaccumulative

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues	 Do not contaminate ponds, waterways or ditches with chemical or used container. Do not dispose of waste into sewer. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	 This product will not be classified as a RCRA characteristic hazardous waste when discarded. Empty remaining contents. Triple rinse containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG UN number Proper shipping name	:	UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (AZOXYSTROBIN, BENZOVINDIFLUPYR)
Class	:	9
Packing group	:	III
Labels	:	9

according to the OSHA Hazard Communication Standard



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Environmentally hazardous Remarks		single or com single or inne	yes This product can be subject to exemptions when packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids, or having a net mass of 5 kg or less for solids.			
Class Packin Labels Packin aircraft	No. shipping name g group g instruction (cargo t) g instruction (passen-		ally hazardous substance, solid, n.o.s. OBIN, BENZOVINDIFLUPYR) s			
	nmentally hazardous	single or com single or inne	can be subject to exemptions when packaged in bination packagings containing a net quantity per r packaging of 5 L or less for liquids, or having a i kg or less for solids.			
IMDG- UN nui Proper Class		N.O.S.	ENTALLY HAZARDOUS SUBSTANCE, SOLID, OBIN, BENZOVINDIFLUPYR)			
Packin Labels EmS C	Code pollutant	 III 9 F-A, S-F yes This product single or com single or inner 	can be subject to exemptions when packaged in bination packagings containing a net quantity per r packaging of 5 L or less for liquids, or having a 5 kg or less for solids.			

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good Remarks : S

Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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SECTION 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label: Caution

Harmful if swallowed.

Harmful if absorbed through skin.

Causes moderate eye irritation.

Avoid contact with skin, eyes or clothing.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. 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 re-use.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards :	Combustible dust Acute toxicity (any route of exposure) Respiratory or skin sensitization Specific target organ toxicity (single or repeated exposure) Serious eye damage or eye irritation
SARA 313 :	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

WARNING: This product can expose you to chemicals including dioxosilane, which is/are known to the State of California to cause cancer, and

methanol, toluene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Regulated Carcinogens

dioxosilane

14808-60-7

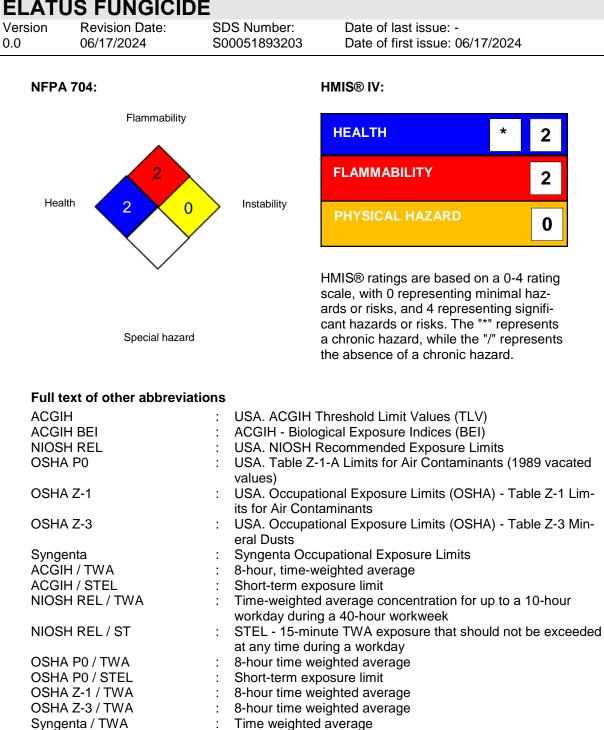
SECTION 16. OTHER INFORMATION

Further information

according to the OSHA Hazard Communication Standard



ELATUS FUNGICIDE



AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC -International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in

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Bulk: IC50 - Half maximal inhibitory concentration: ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date

: 06/17/2024

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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