

Version 6.0	Revision Date: 06.07.2024		S Number: 04526-00019	Date of last issue: 06.04.2024 Date of first issue: 09.01.2017		
SECTION	SECTION 1. IDENTIFICATION					
Prod	Product name		Pirimiphos-Meth	yl / Lambda-Cyhalothrin Formulation		
	ufacturer or supplier's pany	s deta :	ils MSD			
Addr	ess	:		, 6th floor, Ciudad Autonoma rgentina C1013AAP		
Tele	ohone	:	908-740-4000			
Eme	Emergency telephone		1-908-423-6000			
E-ma	ail address	:	EHSDATASTEV	VARD@msd.com		
Reco	ommended use of the	chem	ical and restriction	ons on use		
	ommended use rictions on use	:	Veterinary produ Not applicable	ict		

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification		
Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 3
Acute toxicity (Dermal)	:	Category 5
Skin corrosion/irritation	:	Category 2
Serious eye damage/eye irritation	:	Category 2B
Specific target organ toxicity - single exposure	:	Category 1 (Central nervous system)
Specific target organ toxicity - single exposure	:	Category 2 (Nervous system)
Short-term (acute) aquatic hazard	:	Category 1
Long-term (chronic) aquatic hazard	:	Category 1

GHS label elements



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Haza	rd pictograms		
Signa	al Word	: Danger	
Haza	rd Statements	H315 + H320 (H331 Toxic if i H370 Causes H371 May cau	harmful in contact with skin. Causes skin and eye irritation.
Precautionary Statements		P264 Wash sk P270 Do not e P271 Use only P273 Avoid rel	reathe dust/ fume/ gas/ mist/ vapors/ spray. in thoroughly after handling. at, drink or smoke when using this product. outdoors or in a well-ventilated area. ease to the environment. otective gloves.
		Response:	
		P301 + P312 + CENTER/ doci P302 + P352 I P304 + P340 + and keep comi doctor. P305 + P351 + for several min easy to do. Co P308 + P311 I CENTER/ doci P332 + P313 I tion. P337 + P313 I tention.	F exposed or concerned: Call a POISON for. f skin irritation occurs: Get medical advice/ att f eye irritation persists: Get medical advice/ at ake off contaminated clothing and wash it be
		Storage: P405 Store loc	ked up.
		Disposal:	
		-	of contents/ container to an approved waste

Other hazards which do not result in classification None known.



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Polyvinyl chloride	9002-86-2	>= 70 -< 90
Pirimiphos-methyl (ISO)	29232-93-7	>= 10 -< 20
lambda-cyhalothrin (ISO)	91465-08-6	>= 5 -< 10
Titanium dioxide	13463-67-7	>= 0,1 -< 1

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical
If inhaled	:	advice. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In case of skin contact	:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
In case of eye contact	:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.
If swallowed	:	If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	Harmful if swallowed. May be harmful in contact with skin. Causes skin and eye irritation. Toxic if inhaled. Causes damage to organs.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).
Notes to physician	:	Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2)
		Dry chemical
Unsuitable extinguishing	:	None known.



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S fi H	media Specific hazards during fire : fighting Hazardous combustion prod- : ucts		:	Exposure to comb Carbon oxides Nitrogen oxides (N Chlorine compour Fluorine compoun	nds
	Specific ods	extinguishing meth-	:	cumstances and t Use water spray to	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
		protective equipment fighters	:	In the event of fire Use personal prot	 wear self-contained breathing apparatus. ective equipment.
SECT	ION 6.	ACCIDENTAL RELE	ASI	EMEASURES	
ti	ve equ	al precautions, protec- lipment and emer- procedures	:		ective equipment. ing advice (see section 7) and personal ent recommendations (see section 8).
E	Environ	mental precautions	:	Retain and dispos	akage or spillage if safe to do so. e of contaminated wash water. should be advised if significant spillages
		s and materials for ment and cleaning up	:	over the area to m Add excess liquid Soak up with inert Clean up remainin absorbent. Local or national m disposal of this ma employed in the c determine which m Sections 13 and 1	a absorbents and place a damp covering ninimize entry of the material into the air. to allow the material to enter into solution. absorbent material. og materials from spill with suitable egulations may apply to releases and aterial, as well as those materials and items leanup of releases. You will need to egulations are applicable. 5 of this SDS provide information regarding tional requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	:	Do not get on skin or clothing. Do not breathe dust, fume, gas, mist, vapors or spray. Do not swallow. Do not get in eyes.



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		Wash skin thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Do not eat, drink or smoke when using this product. Take care to prevent spills, waste and minimize release to the environment.				
Conditions for safe storage		 Keep in properly labeled containers. Store locked up. Keep tightly closed. Keep in a cool, well-ventilated place. Store in accordance with the particular national regulations. 				
Materials to avoid		: Do not store with Strong oxidizing	the following product types: agents stances and mixtures			

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
Polyvinyl chloride	9002-86-2	TWA	1 mg/m ³	ACGIH
		(Respirable		
		particulate		
		matter)		
Pirimiphos-methyl (ISO)	29232-93-7	TWA	60 µg/m3 (OEB 3)	Internal
	Further inform	ation: Skin		
		Wipe limit	600 µg/100 cm ²	Internal
lambda-cyhalothrin (ISO)	91465-08-6	TWA	5 µg/m3 (OEB 4)	Internal
	Further inform	ation: Skin		
		Wipe limit	50 µg/100 cm ²	Internal
Titanium dioxide	13463-67-7	CMP	10 mg/m ³	AR OEL
	Further information: A4 - Not classifiable as a human			n carcinogen

Ingredients with workplace control parameters

Engineering measures : All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Containment technologies suitable for controlling compounds are required to control at source and to prevent migration of the compound to uncontrolled areas (e.g., open-face containment devices). Minimize open handling.

Personal protective equipment

Respiratory protection	:	If adequate local exhaust ventilation is not available or
		exposure assessment demonstrates exposures outside the



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Filter type Hand protection		recommended guidelines, use respiratory protection. : Particulates type				
Ma	aterial	: Chemical-resistant gloves				
Remarks Eye protection		 Consider double gloving. Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols. 				
Skin a	and body protection	: Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces. Use appropriate degowning techniques to remove potentially contaminated clothing.				
Hygie	ne measures	 If exposure to chemical is likely during typical use, eye flushing systems and safety showers close to working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. The effective operation of a facility should include engineering controls, proper personal protective e appropriate degowning and decontamination proc industrial hygiene monitoring, medical surveillance use of administrative controls. 	the review of quipment, edures,			

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	solid
Color	:	No data available
Odor	:	characteristic
Odor Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not classified as a flammability hazard
Flammability (liquids)	:	No data available



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		explosion limit / Upper bility limit	:	No data available	9
		explosion limit / Lower bility limit	:	No data available	9
	Vapor p	oressure	:	No data available	9
	Relative	e vapor density	:	No data available	9
	Relative	e density	:	No data available	2
	Density	,	:	No data available	2
	Solubili Wat	ty(ies) er solubility	:	insoluble	
	Partitio octanol	n coefficient: n-	:	No data available	9
		nition temperature	:	No data available)
	Decom	position temperature	:	No data available)
	Viscosi Visc	ty cosity, kinematic	:	No data available	9
	Explosi	ve properties	:	Not explosive	
	Oxidiziı	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Molecu	lar weight	:	No data available	9
	Particle Particle	e characteristics e size	:	No data available	3

SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	:	Not classified as a reactivity hazard. Stable under normal conditions. Can react with strong oxidizing agents.
Conditions to avoid Incompatible materials Hazardous decomposition products	::	None known. Oxidizing agents No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of	:	Skin contact
exposure		Ingestion



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			Eye contact	
Harmf May b	e toxicity ful if swallowed. he harmful in contact with if inhaled.	n sk	in.	
<u>Produ</u>	<u>ict:</u>			
Acute	oral toxicity	:	Acute toxicity estine Method: Calculation	mate: 654,55 mg/kg on method
Acute	inhalation toxicity	:	Acute toxicity estin Exposure time: 4 Test atmosphere: Method: Calculation	dust/mist
Acute	dermal toxicity	:	Acute toxicity estine Method: Calculation	
<u>Comp</u>	oonents:			
Pirimi	iphos-methyl (ISO):			
Acute	oral toxicity	:	LD50 (Rat): 1.180) mg/kg
			LD50 (Rat): 2.400) - 5.976 mg/kg
			LD50 (Mouse): >	575 mg/kg
			LD50 (Dog): > 1.5	500 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 5,04 Exposure time: 4	
Acute	dermal toxicity	:	LD50 (Rabbit): 2.0	000 mg/kg
			LD50 (Rat): > 4.59	92 mg/kg
lambo	da-cyhalothrin (ISO):			
Acute	oral toxicity	:	LD50 (Rat): 56 - 7	′9 mg/kg
			LD50 (Mouse): 20) mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): 0,06 Exposure time: 4 Test atmosphere:	h
Acute	dermal toxicity	:	LD50 (Rat): 632 -	696 mg/kg
	toxicity (other routes of istration)	:	LD50 (Rat): 250 - Application Route	

Titanium dioxide:



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Acute	oral toxicity	:	LD50 (Rat): > 5.0)00 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 6,8 Exposure time: 4 Test atmosphere Assessment: The tion toxicity	h
Skin o	corrosion/irritation			
	es skin irritation.			
<u>Comp</u>	onents:			
	phos-methyl (ISO):			
Specie Result		:	Rabbit irritating	
ixesui	L.	•	intating	
lambo	la-cyhalothrin (ISO):			
Specie		:	Rabbit	
Result	[·	No skin irritation	
Titani	um dioxide:			
Specie Result		:	Rabbit No skin irritation	
Serio	us eye damage/eye irr	itati	ion	
Cause	es eye irritation.			
<u>Comp</u>	onents:			
	phos-methyl (ISO):			
Specie Result	es •	:	Rabbit Mild over irritation	
Kesui	L	•	Mild eye irritation	
lambo	la-cyhalothrin (ISO):			
Specie		:	Rabbit	
Result	t	:	Mild eye irritation	
Titani	um dioxide:			
Specie	es	:	Rabbit	
Result	t	:	No eye irritation	
Respi	ratory or skin sensitiz	zatic	on	
Skin s	sensitization			
	assified based on availa	able	information.	
Respi	ratory sensitization			
	assified based on availa	able	information.	



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Com	oonents:			
Test	es of exposure es	: Der : Gui	kimization Te mal nea pig a skin sensit	
	da-cyhalothrin (ISO) -			
Test Route Speci Resul	es of exposure es	: Der : Gui	gnusson-Klig mal nea pig a skin sensil	
Titan	ium dioxide:			
Test Route Speci Resul	es of exposure es	: Skir : Mou	n contact	e assay (LLNA)
Not cl	cell mutagenicity assified based on ava conents:	ilable infor	mation.	
	iphos-methyl (ISO): toxicity in vitro		t Type: Bacte sult: equivoca	erial reverse mutation assay (AMES) I
			t Type: sister sult: positive	chromatid exchange assay
Geno	toxicity in vivo	Spe	t Type: Micro ecies: Mouse sult: negative	onucleus test
		Spe	t Type: Rode ecies: Mouse sult: negative	ent dominant lethal test (germ cell) (in vivo)
lambo	da-cyhalothrin (ISO)	:		
Geno	toxicity in vitro		t Type: Bacte sult: negative	erial reverse mutation assay (AMES)
		Tes		mosomal aberration man lymphocytes
		Tes	t Type: unsc t system: rat sult: negative	neduled DNA synthesis assay hepatocytes



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Geno	toxicity in vivo	Test syste Result: neg : Test Type: Species: M Cell type: I	Micronucleus test Iouse Bone marrow n Route: Intraperitoneal
II Titani	ium dioxide:		
Geno	toxicity in vitro	: Test Type: Result: neg	Bacterial reverse mutation assay (AMES) gative
Geno	toxicity in vivo	: Test Type: Species: M Result: neg	
Not cl <u>Comp</u>	nogenicity assified based on avail ponents:	able information	
Speci Applic	cation Route sure time	: Rat : Oral : 2 Years : negative	
	cation Route sure time	: Mouse : Oral : 80 weeks : negative	
Carcir ment	nogenicity - Assess-	: Animal tes	ting did not show any carcinogenic effects.
Speci Applic Expos Resul Rema Speci Applic	cation Route sure time t urks es cation Route sure time t	: Rat : oral (feed) : 2 Years : negative	data from similar materials data from similar materials



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Speci Applio	cation Route sure time od It		Rat inhalation (dust/m 2 Years OECD Test Guide positive The mechanism of mans.			
Carci ment	nogenicity - Assess-	:	Limited evidence of carcinogenicity in inhalation studies with animals.			
Not c	oductive toxicity lassified based on availa ponents:	able	information.			
	iphos-methyl (ISO): ts on fertility	:	Test Type: Two-g Species: Rat	eneration reproduction toxicity study		
			Application Route	15,4 mg/kg body weight		
Effect	ts on fetal development	:	Result: No effects			
			Result: No effects			
lamb	da-cyhalothrin (ISO):					
	ts on fertility	:	General Toxicity I Symptoms: Redu Result: No effects	: oral (feed) Parent: NOAEL: 2 mg/kg body weight F1: LOAEL: 6,7 mg/kg body weight ced offspring weight gain.		
Effect	ts on fetal development	:	Test Type: Develor Species: Rat Application Route General Toxicity I			



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			Result: No effects body weight gain	oxicity: LOAEL: 15 mg/kg body weight s on fetal development., Reduced maternal ., Reduced fetal weight. on data from similar materials			
	Test Type: Development Species: Rabbit Application Route: Oral General Toxicity Maternal: NOAEL: 10 mg/kg body w Developmental Toxicity: NOAEL: 30 mg/kg body we Result: No effects on fetal development., Reduced n body weight gain., Reduced fetal weight. Remarks: Based on data from similar materials						
Caus May o	F-single exposure es damage to organs (C cause damage to organs ponents:).			
	hiphos-methyl (ISO):						
Targe	et Organs ssment	:	Central nervous s Causes damage				
lamh	da-cyhalothrin (ISO):						
Targe	et Organs ssment	:	Nervous system Causes damage	to organs.			
	F-repeated exposure lassified based on availa	oblo	information				
	ponents:	able	information.				
	hiphos-methyl (ISO):						
Rema		:	Not classified due	e to inconclusive data.			
Repe	eated dose toxicity						
Com	ponents:						
	hiphos-methyl (ISO):						
Spec	ies	:	Rat				
NOA LOAE		:	0,5 mg/kg 2,5 mg/kg				
Appli	cation Route	:	Oral				
Expo Targe	sure time et Organs	:	28 d Central nervous s	system			
Symp	otoms	:	cholinesterase in				
Spec	ies	:	Dog				
LÕAE	EL cation Route	:	2 mg/kg Oral				
		•					
			10/00				



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	ure time Organs oms	: 13 Weeks : Central nervous : cholinesterase i	
Expos	L ation Route ure time Organs oms	 Rat 25 mg/kg Oral 90 d Central nervous cholinesterase i No significant a 	
Expos	- ation Route ure time Organs	: Dog : 0,5 mg/kg : Oral : 2 y : Central nervous : cholinesterase i	
Expos	- ation Route ure time Organs	: Rat : 2,1 mg/kg : Oral : 2 y : Central nervous : cholinesterase i	
Specie NOAE LOAEI Applica	L - ation Route ure time	: Dog : 2,5 mg/kg : 12,5 mg/kg : oral (feed) : 90 d : reduced body w	reight gain, reduced food consumption
Expos	L	: Rat : 10 mg/kg : 50 mg/kg : Dermal : 21 d : Nervous system	1
Expos	L	: Rat : 0,08 mg/kg : 0,9 mg/kg : Inhalation : 21 d : Nervous system	1
	L	: Dog : 0,1 mg/kg : 0,5 mg/kg : Oral : 1 y	



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Target Organs Symptoms		:	Nervous system Gastrointestinal disturbance, Vomiting, Convulsions, ataxia, Liver effects			
Titani	ium dioxide:					
		:	Rat 24.000 mg/kg Ingestion 28 Days			
NOAE Applic	Species NOAEL Application Route Exposure time		Rat 10 mg/m ³ inhalation (dust/mist/fume) 2 y			
Aspiration toxicity Not classified based on availa						
Expe	rience with human ex	posi	ıre			
<u>Comp</u>	oonents:					
Pirim	iphos-methyl (ISO):					
Ingest	tion	:		ea, Vomiting, Dizziness, confusion, Head- stomach discomfort, Blurred vision, muscle		
lambo	da-cyhalothrin (ISO):					
Inhala Skin o	ation contact	:	Symptoms: Skin tion, Local irritation	h, Local irritation, sneezing irritation, tingling, superficial burning sensa- on e absorbed through skin.		
	Eye contact:Symptoms: Eye irritationIngestion:Symptoms: Gastrointestinal disturbance			rritation		
SECTION	SECTION 12. ECOLOGICAL INFORMATION					

Ecotoxicity

Components:

Pirimiphos-methyl (ISO):

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0,2 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0,00021 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): > 1 mg/l Exposure time: 72 h



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I			Method: OECD Te	est Guideline 201
	ctor (Acute aquatic tox-	:	1.000	
icity) Toxicity to fish (Chronic tox- icity)		:	NOEC (Pimephale Exposure time: 35 Method: OECD Te	
	ity to daphnia and other ic invertebrates (Chron- icity)	:	NOEC (Daphnia magna (Water flea)): 0,00011 mg/l Exposure time: 21 d Method: OECD Test Guideline 211	
M-Fac toxicit	ctor (Chronic aquatic y)	:	100	
lambo	da-cyhalothrin (ISO):			
Toxic	ity to fish	:	Exposure time: 96 Method: OECD Te	
			Exposure time: 96 Method: OECD Te	
	ity to daphnia and other ic invertebrates	:	Exposure time: 48 Method: OECD Te	
	ctor (Acute aquatic tox-	:	10.000	
icity) Toxici icity)	ity to fish (Chronic tox-	:	mg/l Exposure time: 32 Method: OECD To	
	ity to daphnia and other ic invertebrates (Chron- icity)	:	Exposure time: 21 Method: OECD Te	
M-Fac toxicit	ctor (Chronic aquatic y)	:	10.000	
Titan	ium dioxide:			
Toxic	ity to fish	:	LC50 (Oncorhync Exposure time: 96 Method: OECD To	
	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48	agna (Water flea)): > 100 mg/l 3 h



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Toxic plant	city to algae/aquatic s	:	EC50 (Skeletone Exposure time: 7	ma costatum (marine diatom)): > 10.000 mg/l 2 h	
Τοχία	Toxicity to microorganisms		EC50: > 1.000 mg/l Exposure time: 3 h Method: OECD Test Guideline 209		
Pers	istence and degradabi	lity			
<u>Com</u>	ponents:				
	niphos-methyl (ISO): ility in water	:	Hydrolysis: 50 %	(117 d)	
Bioa	ccumulative potential				
<u>Com</u>	ponents:				
Partit	niphos-methyl (ISO): tion coefficient: n- nol/water	:	log Pow: 4,2		
lamb	oda-cyhalothrin (ISO):				
Bioad	ccumulation	:		factor (BCF): 2.240 Test Guideline 305	
	tion coefficient: n- nol/water	:	log Pow: 7,0 (20	°C)	
Mobi	ility in soil				
<u>Com</u>	ponents:				
Distri	oda-cyhalothrin (ISO): ibution among environ- al compartments	:	log Koc: 5,5		
	er adverse effects				

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	: Do not dispose of waste into sewer.
	Dispose of in accordance with local regulations.
Contaminated packaging	: Empty containers should be taken to an approved waste
	handling site for recycling or disposal.
	If not otherwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations



Version 6.0	Revision Date: 06.07.2024		S Number: 04526-00019	Date of last issue: 06.04.2024 Date of first issue: 09.01.2017		
UNRTDG UN number Proper shipping name II Class Packing group Labels Environmentally hazardous		:	UN 2811 TOXIC SOLID, ORGANIC, N.O.S. (lambda-cyhalothrin (ISO), Pirimiphos-methyl (ISO)) 6.1 III 6.1 yes			
IATA-DGR UN/ID No. Proper shipping name II Class Packing group Labels Packing instruction (cargo aircraft) Packing instruction (passen-			UN 2811 Toxic solid, organic, n.o.s. (lambda-cyhalothrin (ISO), Pirimiphos-methyl (ISO)) 6.1 III Toxic 677 670			
ger aircraft) IMDG-Code UN number Proper shipping name Class Packing group Labels EmS Code Marine pollutant		:	UN 2811 TOXIC SOLID, O (lambda-cyhaloth 6.1 III 6.1 F-A, S-A yes	RGANIC, N.O.S. rin (ISO), Pirimiphos-methyl (ISO))		

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

Not applicable for product as supplied.

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.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Argentina. Carcinogenic Substances and Agents Registry.	:	Not applicable
Control of precursors and essential chemicals for the preparation of drugs.	:	Not applicable

The ingredients of this product are reported in the following inventories:

AICS	:	not determined
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DSL		:	not determined			
IEC	SC	:	not determined			
SECTION 16. OTHER INFORMATION						
Revision Date Date format		:	06.07.2024 dd.mm.yyyy			
Further information Sources of key data used to compile the Material Safety Data Sheet		:		data, data from raw material SDSs, OECD arch results and European Chemicals Agen- ropa.eu/		
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Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Full text of other abbreviations

ACGIH AR OEL	USA. ACGIH Threshold Limit Values (TLV) Argentina. Occupational Exposure Limits
ACGIH / TWA AR OEL / CMP	8-hour, time-weighted average TLV (Threshold Limit Value)

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; 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; 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 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; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; 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; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Sub-



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stances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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 is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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