

Versio 5.1	on	Revision Date: 30.09.2023		S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016				
SECT	SECTION 1. IDENTIFICATION								
Product name		:	Lambda-Cyhalothrin / Decamethylcyclopentasiloxane Formula- tion						
N	//anufa	acturer or supplier's	deta	ils					
	Company		:	MSD					
Address		:	Talcahuano 750, 6th floor, Ciudad Autonoma Buenos Aires, Argentina C1013AAP						
Т	Teleph	one	:	908-740-4000					
E	Emerge	ency telephone	:	1-908-423-6000					
E	E-mail address		:	EHSDATASTEWARD@msd.com					
R	Recom	mended use of the c	hem	ical and restriction	ons on use				
Recommended use Restrictions on use		:	Veterinary produ Not applicable	ict					

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification		
Acute toxicity (Inhalation)	:	Category 4
Acute toxicity (Dermal)	:	Category 4
Serious eye damage/eye irritation	:	Category 2B
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		
Hazard pictograms	:	
Signal Word		Worping

Signal Word

: Warning



Lambda-Cyhalothrin / Decamethylcyclopentasiloxane Formulation

Version 5.1	Revision Date: 30.09.2023	SDS Number: 1078826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016				
Hazard Statements		 H312 + H332 Harmful in contact with skin or if inhaled. H320 Causes eye irritation. H371 May cause damage to organs (Nervous system). H410 Very toxic to aquatic life with long lasting effects. 					
Precau	utionary Statements	P264 Wash skin P270 Do not eat P271 Use only o P273 Avoid relea	athe mist or vapors. thoroughly after handling. , drink or smoke when using this product. utdoors or in a well-ventilated area. ase to the environment. ective gloves/ protective clothing.				
		ter.Call a POISO P304 + P340 + F and keep comfor doctor if you feel P305 + P351 + F for several minut easy to do. Cont P308 + P311 IF CENTER/ doctor P337 + P313 If e tention.	P338 IF IN EYES: Rinse cautiously with water res. Remove contact lenses, if present and inue rinsing. exposed or concerned: Call a POISON : eye irritation persists: Get medical advice/ at- ke off contaminated clothing and wash it before				
		Storage: P405 Store locke	ed up.				
		Disposal: P501 Dispose of disposal plant.	contents/ container to an approved waste				
Other	hazards which do not	t result in classification	on				

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Corn oil	8001-30-7	>= 90 -<= 100
Decamethylcyclopentasiloxane	541-02-6	>= 5 -< 10
lambda-cyhalothrin (ISO)	91465-08-6	>= 1 -< 2,5

SECTION 4. FIRST AID MEASURES



Lambda-Cyhalothrin / Decamethylcyclopentasiloxane Formulation

Versior 5.1	n	Revision Date: 30.09.2023	-	0S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016		
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 advice.				
If inhaled		:	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. Remove 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 wate for at least 15 minutes. If easy to do, remove contact lens, if worn. Get medical attention.				
If swallowed		:	so by medical per Get medical atten Rinse mouth thor				
ar de	nd effe elayed	nportant symptoms ects, both acute and d ion of first-aiders	:	Harmful in contac Causes eye irritat May cause dama First Aid responde and use the recor	t with skin or if inhaled. ion.		
No	otes t	o physician	:		cally and supportively.		

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Unsuitable extinguishing media Specific hazards during fire fighting	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical None known. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Nitrogen oxides (NOx) Chlorine compounds Fluorine compounds Silicon oxides Formaldehyde
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so.



Versio 5.1	on	Revision Date: 30.09.2023	-	9S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016		
	Special protective equipment for fire-fighters		:	Evacuate area. In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.			
SECT	FION 6.	ACCIDENTAL RELE	ASE	EMEASURES			
ti	tive equ	al precautions, protec- ipment and emer- vrocedures	:		ective equipment. ing advice (see section 7) and personal ent recommendations (see section 8).		
E	Environ	mental precautions	:	Prevent spreading oil barriers). Retain and dispos	akage or spillage if safe to do so. g over a wide area (e.g., by containment or se of contaminated wash water. should be advised if significant spillages		
	Methods and materials for containment and cleaning up		:	For large spills, pr containment to ke can be pumped, s container. Clean up remainir absorbent. Local or national r disposal of this ma employed in the c determine which r Sections 13 and 1	a absorbent material. rovide diking or other appropriate ep material from spreading. If diked material store recovered material in appropriate ng materials from spill with suitable regulations may apply to releases and aterial, as well as those materials and items leanup of releases. You will need to regulations are applicable. 5 of this SDS provide information regarding tional requirements.		

SECTION 7. HANDLING AND STORAGE

Technical measures Local/Total ventilation	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section. If sufficient ventilation is unavailable, use with local exhaust ventilation.
Advice on safe handling	Do not get on skin or clothing. Do not breathe mist or vapors. Do not swallow. Do not get in eyes. 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	Do not breathe decomposition products. Keep in properly labeled containers. Store locked up.



Version	Revision Date: 30.09.2023	SDS Number:	Date of last issue: 04.04.2023
5.1		1078826-00018	Date of first issue: 18.11.2016
Mate	rials to avoid	Store in accord Do not store wi Strong oxidizing	well-ventilated place. ance with the particular national regulations. th the following product types: g agents ubstances and mixtures

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type	Control parame-	Basis
		(Form of	ters / Permissible	
		exposure)	concentration	
Corn oil	8001-30-7	CMP (Mist)	10 mg/m ³	AR OEL
lambda-cyhalothrin (ISO)	91465-08-6	TWA	5 µg/m3 (OEB 4)	Internal
	Further information: Skin			
		Wipe limit	50 µg/100 cm ²	Internal

Occupational exposure limits of decomposition products

Components	CA	S-No.	Value type (Form of	Control parame- ters / Permissible	Basis	
			exposure)	concentration		
Formaldehyde	50-	00-0	CMP-C	0,3 ppm	AR OEL	
	Fur tior		ation: A2 - Suspe	ected human carcino	gen, Sensitiza-	
			TWA	0,1 ppm	ACGIH	
			STEL	0,3 ppm	ACGIH	
Engineering measures	de pro Es Us If f ca po	 All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Essentially no open handling permitted. Use closed processing systems or containment technologies. If handled in a laboratory, use a properly designed biosafety cabinet, fume hood, or other containment device if the potential exists for aerosolization. If this potential does not exist, handle over lined trays or benchtops. 				
Personal protective equipm	ent					
Respiratory protection	ex	posure asse	essment demon	ilation is not available strates exposures ou respiratory protectio	tside the	
Filter type		Combined particulates, inorganic gas/vapor and organic vapor type				
Hand protection						
Material	: Ch	nemical-resi	stant gloves			



Lambda-Cyhalothrin / Decamethylcyclopentasiloxane Formulation

Version 5.1	Revision Date: 30.09.2023	SDS Number: 1078826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016			
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	Additional body task being perf disposable suit	or laboratory coat. y garments should be used based upon the ormed (e.g., sleevelets, apron, gauntlets, s) to avoid exposed skin surfaces. e degowning techniques to remove potentially clothing.			
Hygiene measures		eye flushing sy working place. When using do Wash contamin The effective o engineering co appropriate de industrial hygie	chemical is likely during typical use, provide stems and safety showers close to the not eat, drink or smoke. nated clothing before re-use. peration of a facility should include review of ntrols, proper personal protective equipment, gowning and decontamination procedures, one monitoring, medical surveillance and the trative controls.			

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	gold
Odor	:	oily
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	:	> 93,3 °C
		Method: Tag closed cup
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
Flammability (liquids)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available



Ver 5.1	sion	Revision Date: 30.09.2023		S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
		explosion limit / Lower bility limit	:	No data available	3
	Vapor p	pressure	:	No data available	
	Relative	e vapor density	:	No data available	9
	Relative	e density	:	No data available	9
	Density	,	:	0,924 - 0,974 g/c	m³ (20 °C)
	Solubili Wat	ty(ies) er solubility	:	insoluble	
	Partition octanol	n coefficient: n-	:	No data available)
		hition temperature	:	No data available	
	Decom	position temperature	:	No data available	
	Viscosi Visc	ty sosity, kinematic	:	61,69 - 73,9 mm²	²/s
	Explosi	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance of	r mixture is not classified as oxidizing.
	Molecu	lar weight	:	Not applicable	
	Particle	size	:	Not applicable	

SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions		Not classified as a reactivity hazard. Stable under normal conditions. Vapors may form explosive mixture with air. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid Incompatible materials Hazardous decomposition p	:	None known. Oxidizing agents u cts

Thermal decomposition	: Formaldehyde
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SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of	:	Inhalation
exposure		Skin contact
		Ingestion



/ersion 5.1	Revision Date: 30.09.2023		OS Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
			Eye contact	
Acut	e toxicity			
Harm	ful in contact with skin o	or if i	nhaled.	
Prod	uct:			
Acute	e oral toxicity	:	LD50 (Rat): > 9	.500 mg/kg
Acute	e inhalation toxicity	:	LC50 (Rat): > 4 Remarks: No m	,1 mg/l ortality observed at this dose.
Acute	e dermal toxicity	:	LD50 (Rabbit):	> 1.900 mg/kg
<u>Com</u>	ponents:			
Corn	oil:			
Acute	e oral toxicity	:		.000 mg/kg Test Guideline 401 d on data from similar materials
Deca	methylcyclopentasilo	xane	:	
Acute	e oral toxicity	:	LD50 (Rat): > 5	.000 mg/kg
Acute	e inhalation toxicity	:	LC50 (Rat): 8,6 Exposure time: Test atmospher Method: OECD	4 h
Acute	e dermal toxicity	:	LD50 (Rabbit): Assessment: Th toxicity	> 2.000 mg/kg ne substance or mixture has no acute dermal
lamb	da-cyhalothrin (ISO):			
	e oral toxicity	:	LD50 (Rat): 56	- 79 mg/kg
			LD50 (Mouse):	20 mg/kg
Acute	e inhalation toxicity	:	LC50 (Rat): 0,0 Exposure time: Test atmospher	4 h
Acute	e dermal toxicity	:	LD50 (Rat): 632	2 - 696 mg/kg
	e toxicity (other routes o nistration)	f:	LD50 (Rat): 250 Application Rou) - 750 mg/kg ite: Intraperitoneal
	corrosion/irritation	ob.1-	information	
	lassified based on avail	able	information.	
<u>Prod</u>	uct:			

Species:RabbitResult:Mild skin irritation



Version 5.1	Revision Date: 30.09.2023	SDS Number: 1078826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
<u>Co</u>	mponents:		
Co	rn oil:		
	ecies	: Rabbit	
	thod sult	: OECD Test Gu : No skin irritation	
	marks		from similar materials
De	camethylcyclopentasil	oxane:	
Sp	ecies	: Rabbit	
Re	sult	: No skin irritation	n
lan	nbda-cyhalothrin (ISO):		
	ecies	: Rabbit	_
Re	sult	: No skin irritation	n
	rious eye damage/eye i	rritation	
Ca	uses eye irritation.		
	oduct:		
	ecies sult	: Rabbit : Mild eye irritatio	מט
<u>Co</u>	mponents:		
Co	rn oil:		
	ecies	: Rabbit	
	sult thod	: No eye irritatior : OECD Test Gu	
	marks		from similar materials
D.			
	camethylcyclopentasil		
	ecies sult	: Rabbit : No eye irritatior	1
	nbda-cyhalothrin (ISO):		
	ecies sult	: Rabbit : Mild eye irritatio	on
Re	spiratory or skin sensit	ization	
-	in sensitization t classified based on ava	ilable information	
-	spiratory sensitization		

Not classified based on available information.



Ver 5.1	sion	Revision Date: 30.09.2023		0S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
	<u>Produ</u> Specie Result		:	Guinea pig Not a skin sensitiz	zer.
	Comp	onents:			
	Corn o Test Ty Routes Result	ype s of exposure	:	Human repeat ins Skin contact negative	ult patch test (HRIPT)
	Decam	nethylcyclopentasilo	xane	:	
	Test Ty Routes Specie Result	of exposure	:	Local lymph node Skin contact Mouse negative	assay (LLNA)
	lambd	a-cyhalothrin (ISO):			
	Test Ty Routes Specie Result	of exposure	:	Magnusson-Kligm Dermal Guinea pig Not a skin sensitiz	
		cell mutagenicity ssified based on availa	able	information.	
	Comp	onents:			
	Corn o Genoto	bil: oxicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
	Decam	nethylcyclopentasilo	xane	:	
		oxicity in vitro	:		ial reverse mutation assay (AMES) est Guideline 471
				Test Type: Chrom Method: OECD To Result: negative	nosome aberration test in vitro est Guideline 473
				Test Type: In vitro Result: negative	o mammalian cell gene mutation test
	Genoto	oxicity in vivo	:	cytogenetic assay Species: Rat	: inhalation (vapor)



Lambda-Cyhalothrin / Decamethylcyclopentasiloxane Formulation

Version 5.1	Revision Date: 30.09.2023		OS Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
			mammalian liver Species: Rat Application Route	
lamh	da-cyhalothrin (ISO):			
	ptoxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)
			Test Type: Chror Test system: Hur Result: negative	nosomal aberration nan lymphocytes
			Test Type: unsch Test system: rat Result: negative	neduled DNA synthesis assay hepatocytes
				o mammalian cell gene mutation test use lymphoma cells
Genc	otoxicity in vivo	:	Test Type: Micro Species: Mouse Cell type: Bone n Application Route Result: negative	narrow
Carc	inogenicity			
	lassified based on avail	able	information.	
<u>Com</u>	ponents:			
lamb	da-cyhalothrin (ISO):			
Spec Appli	ies cation Route sure time It	:	Mouse oral (feed) 2 Years negative Based on data fre	om similar materials
	cation Route sure time It	:	Rat oral (feed) 2 Years negative Based on data fro	om similar materials

Reproductive toxicity

Not classified based on available information.



Versio 5.1	on	Revision Date: 30.09.2023		S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016		
<u>c</u>	Compo	onents:					
0	Decam	nethylcyclopentasilox	ane	:			
E	Effects	on fertility	:	Species: Rat	eneration reproduction toxicity study e: inhalation (vapor) 870.3800		
E	Effects on fetal development :		:	Test Type: Two-generation reproduction toxicity study Species: Rat Application Route: inhalation (vapor) Method: OPPTS 870.3800 Result: negative			
la	ambd	a-cyhalothrin (ISO):					
		on fertility	:	General Toxicity I Symptoms: Redu Result: No effects	e: oral (feed) Parent: NOAEL: 2 mg/kg body weight F1: LOAEL: 6,7 mg/kg body weight ced offspring weight gain.		
E	Effects on fetal development :		:	Developmental To Result: No effects body weight gain.			
				Developmental To Result: No effects body weight gain.			

STOT-single exposure

May cause damage to organs (Nervous system).

Components:

lambda-cyhalothrin (ISO):

Target Organs	:	Nervous system
Assessment	:	Causes damage to organs.



Vers 5.1	sion	Revision Date: 30.09.2023		DS Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016				
STOT-repeated exposure Not classified based on available information.									
	Repea	ted dose toxicity							
	Comp	onents:							
	Corn o	oil:							
		L ation Route ure time	::	Rat > 300 mg/kg Ingestion 28 Days Based on data fr	om similar materials				
	Decan	nethylcyclopentasilo	xane):					
	Specie NOAE LOAEI	es L - ation Route	:	Rat 1.000 mg/kg > 1.000 mg/kg Ingestion OECD Test Guid	eline 408				
	lambd	a-cyhalothrin (ISO):							
		L - ation Route ure time	:	Dog 2,5 mg/kg 12,5 mg/kg oral (feed) 90 d reduced body we	eight gain, reduced food consumption				
	Expos	L		Rat 10 mg/kg 50 mg/kg Dermal 21 d Nervous system					
	Expos	L		Rat 0,08 mg/kg 0,9 mg/kg Inhalation 21 d Nervous system					
	Expos	L - ation Route ure time Organs		Dog 0,1 mg/kg 0,5 mg/kg Oral 1 y Nervous system Gastrointestinal o Liver effects	disturbance, Vomiting, Convulsions, ataxia,				



ersion 1	Revision Date: 30.09.2023	-	DS Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
Aspi	ration toxicity			
Not c	lassified based on availa	able	information.	
Expe	rience with human exp	osi	ıre	
Prod	uct:			
	contact contact	:	Symptoms: May Symptoms: irritat	cause, Local irritation ing
Com	ponents:			
lamb	da-cyhalothrin (ISO):			
Inhala Skin (ation contact	:	Symptoms: Skin tion, Local irritation	
Eve o	contact	Remarks: Can be absorbed through skin. : Symptoms: Eye irritation		
Inges		:	: Symptoms: Gastrointestinal disturbance	
	12. ECOLOGICAL INFO	ORI	MATION	
Ecot	oxicity			
Com	ponents:			
Corn	oil:			
Toxic	ity to fish	:	Exposure time: 9 Method: ISO 734	
	ity to daphnia and other tic invertebrates	:	Exposure time: 4 Test substance: Method: Directive	nagna (Water flea)): > 100 mg/l 8 h Water Accommodated Fraction e 67/548/EEC, Annex V, C.2. on data from similar materials
Toxic	ity to algae/aquatic	:	EL50 (Desmodes	mus subspicatus (green algae)): > 100 mg

plants	Exposure time: 72 h Test substance: Water Accommodated Fraction Method: Directive 67/548/EEC, Annex V, C.3. Remarks: Based on data from similar materials
Toxicity to daphnia and other :	NOELR (Daphnia magna (Water flea)): > 1 mg/l
aquatic invertebrates (Chron-	Exposure time: 21 d
ic toxicity)	Test substance: Water Accommodated Fraction

quatic invertebrates (Chron-	Exposure time: 21 d
c toxicity)	Test substance: Water Accommodated Fraction
	Method: OECD Test Guideline 211
	Remarks: Based on data from similar materials

Decamethylcyclopentasiloxane:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 16 µg/l
		Exposure time: 96 h
		Remarks: No toxicity at the limit of solubility.



Versi 5.1	ion	Revision Date: 30.09.2023		9S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
	Toxicity to daphnia and other aquatic invertebrates		:	EC50 (Daphnia magna (Water flea)): > 2,9 μg/l Exposure time: 48 h Method: OECD Test Guideline 202 Remarks: No toxicity at the limit of solubility.	
	Toxicity to algae/aquatic plants		:	µg/l Exposure time: 96 Method: OECD Te Remarks: No toxic	est Guideline 201 city at the limit of solubility.
				µg/l Exposure time: 96 Method: OECD Te	
	Toxicity icity)	to fish (Chronic tox-	:	Exposure time: 90 Method: OECD Te	
i		to daphnia and other invertebrates (Chron- ty)	:	Exposure time: 21 Method: OECD Te	
	Toxicity to microorganisms		:	EC50: > 2.000 mg Exposure time: 3 Method: 88/302/E	h
	lambda	-cyhalothrin (ISO):			
	Toxicity	• • • •	:	Exposure time: 96 Method: OECD Te	
				Exposure time: 96 Method: OECD Te	
		to daphnia and other invertebrates	:	Exposure time: 48 Method: OECD Te	
		or (Acute aquatic tox-	:	10.000	
	icity) Toxicity icity)	to fish (Chronic tox-	:	NOEC (Pimephale mg/l Exposure time: 32	es promelas (fathead minnow)): 0,000062 2 d



rsion I	Revision Date: 30.09.2023		9S Number: 78826-00018	Date of last issue: 04.04.2023 Date of first issue: 18.11.2016
				est Guideline 210 on data from similar materials
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time: 2 Method: OECD T	magna (Water flea)): 0,0035 μg/l 1 d est Guideline 211 on data from similar materials
M-Factor (Chronic aquatic toxicity)		:	10.000	
Persi	stence and degradabili	ty		
<u>Comp</u>	oonents:			
Corn Biode	oil: gradability	:	Result: Readily b Remarks: Based	iodegradable. on data from similar materials
	methylcyclopentasilox a gradability	ane :	Result: Not readil Biodegradation: Exposure time: 2	0,14 %
Bioac	cumulative potential			
<u>Comp</u>	oonents:			
	oil: on coefficient: n- ol/water	:	log Pow: > 4 Method: OECD T	est Guideline 117
Deca	methylcyclopentasilox	ane		
	cumulation	:	Species: Pimepha Bioconcentration	ales promelas (fathead minnow) factor (BCF): 7.060 - 13.300 est Guideline 305
	on coefficient: n- ol/water	:	log Pow: 8,023	
	da-cyhalothrin (ISO): cumulation	:		factor (BCF): 2.240 Test Guideline 305
	on coefficient: n- ol/water	:	log Pow: 7,0 (20	°C)
Mobil	ity in soil			
Comp	oonents:			



Version 5.1	Revision Date: 30.09.2023	SDS Numbe 1078826-00	
	ibution among environ- tal compartments	: log Koc:	5,5
Othe	Other adverse effects		
No d	ata available		
SECTION	I 13. DISPOSAL CONSI	DERATIONS	
Disp	osal methods		
Was	te from residues		ispose of waste into sewer. of in accordance with local regulations.
Cont	aminated packaging	: Empty co handling	ontainers should be taken to an approved waste site for recycling or disposal. erwise specified: Dispose of as unused product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG		
UN number		UN 3082
Proper shipping name	÷	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
		N.O.S.
		(lambda-cyhalothrin (ISO))
Class Packing group	÷	9 III
Labels	:	9
Environmentally hazardous	÷	yes
IATA-DGR		
UN/ID No.	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (lambda-cyhalothrin (ISO))
Class	:	9
Packing group	:	
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	964
Packing instruction (passen- ger aircraft)	:	964
Environmentally hazardous	:	yes
IMDG-Code		
UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
		N.O.S.
		(lambda-cyhalothrin (ISO))
Class	:	9
Packing group Labels	÷	III 9
EmS Code	:	9 F-A, S-F
Marine pollutant	:	yes
manno pondiani	•	,



Version	Revision Date:	SDS Number:	Date of last issue: 04.04.2023
5.1	30.09.2023	1078826-00018	Date of first issue: 18.11.2016

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: Not applicableRegistry.Control of precursors and essential chemicals for the: Not applicable

Control of precursors and essential chemicals for the : Not applicab preparation of drugs.

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

AICS	:	not determined
DSL	:	not determined
IECSC	:	not determined

SECTION 16. OTHER INFORMATION

Revision Date	: 30.09.2023
Date format	: dd.mm.yyyy

Further information

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Material Safety		eChem Portal search results and European Chemicals Agen-
Data Sheet		cy, http://echa.europa.eu/

Full text of other abbreviations

ACGIH AR OEL		USA. ACGIH Threshold Limit Values (TLV) Argentina. Occupational Exposure Limits
ACGIH / TWA ACGIH / STEL AR OEL / CMP AR OEL / CMP-C	:	8-hour, time-weighted average Short-term exposure limit TLV (Threshold Limit Value) Ceiling 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



Lambda-Cyhalothrin / Decamethylcyclopentasiloxane Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 04.04.2023
5.1	30.09.2023	1078826-00018	Date of first issue: 18.11.2016

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 Substances 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 specified in the text. Material users should review the information and recommendations in the 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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