

2.2 23.07.2024 11357765-00004 Date of first issue: 28.02.2024	Version 2.2	Revision Date: 23.07.2024	SDS Number: 11357765-00004	Date of last issue: 12.03.2024 Date of first issue: 28.02.2024
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Section 1: Identification

Product name	:	Fluralaner (with Vitamin E) Formulation (AU/NZ)
Other means of identification	:	FLEXOLT ORAL LICE TREATMENT FOR SHEEP WITH ANY LENGTH OF WOOL (91565) FLEXOLT (A011971)

Manufacturer or supplier's details

Company	:	MSD	
Address	:	33 Whakatiki Street - Private Ba Upper Hutt - New Zealand	g 908
Telephone	:	0800 800 543	
Emergency telephone number	:	0800 764 766 (0800 POISON) CHEMCALL)	0800 243 622 (0800
E-mail address	:	EHSDATASTEWARD@msd.cor	n
Recommended use of the ch	em	ical and restrictions on use	

Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

Section 2: Hazard identification

GHS Classification Reproductive toxicity	:	Category 2
Hazardous to the aquatic environment - chronic hazard	:	Category 1
GHS label elements Hazard pictograms		
	•	
Signal word	:	Warning
Hazard statements	:	H361d Suspected of damaging the unborn child. H410 Very toxic to aquatic life with long lasting effects.



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Preca	utionary statements	P202 Do not ha and understood P273 Avoid rele	ease to the environment. tective gloves/ protective clothing/ eye protec-
		Response: P308 + P313 IF attention. P391 Collect sp	exposed or concerned: Get medical advice/
		Storage: P405 Store locl	ked up.
		Disposal: P501 Dispose o disposal plant.	of contents/ container to an approved waste
	hazards which do no known.	ot result in classificat	tion

Section 3: Composition/information on ingredients

Substance / Mixture	:	Mixture
		TVII/(COLO

Components

••••••••••••••••••••••••••••••••••••••		
Chemical name	CAS-No.	Concentration (% w/w)
Fluralaner	864731-61-3	>= 1 -< 2.5

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 advice.
If inhaled	: If inhaled, remove to fresh air. Get medical attention.
In case of skin contact	 In case of contact, immediately flush skin with soap and 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	 Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	: If swallowed, DO NOT induce vomiting. Get medical attention.



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	Most important symptoms and effects, both acute and delayed Protection of first-aiders Notes to physician		:	Suspected of dan First Aid responde and use the recor when the potentia	oughly with water. haging the unborn child. ers should pay attention to self-protection, nmended personal protective equipment Il for exposure exists (see section 8). cally and supportively.
			•		
Section 5: Fire-fighting measure		S			
:	Suitabl	e extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical	
	Unsuita media	able extinguishing	:	None known.	
t	fighting		:	-	pustion products may be a hazard to health.
	Hazard ucts	lous combustion prod-	:	Carbon oxides Chlorine compour Fluorine compour	
	Specifi ods	c extinguishing meth-	:	cumstances and t Use water spray t Remove undama so.	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
t	for firef	l protective equipment ighters em Code	:		e, wear self-contained breathing apparatus. tective equipment.
Sect	ion 6: /	Accidental release me	eas	ures	
t	tive eq	al precautions, protec- uipment and emer- procedures	:	Follow safe handl	tective equipment. ing advice (see section 7) and personal pro- recommendations (see section 8).

Environmental precautions :	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for : containment and cleaning up	Soak up with inert absorbent material. For large spills, provide dyking or other appropriate contain- ment to keep material from spreading. If dyked material can



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			Clean up remain bent. Local or nationa posal of this ma employed in the mine which reg Sections 13 and	pre recovered material in appropriate contained ining materials from spill with suitable absor- al regulations may apply to releases and dis- aterial, as well as those materials and items e cleanup of releases. You will need to deter- ulations are applicable. d 15 of this SDS provide information regarding national requirements.
ection 7	Handling and stora	ge		
Techr	nical measures			g measures under EXPOSURE ERSONAL PROTECTION section.
	/Total ventilation			dequate ventilation.
Advic	e on safe handling			n of vapour or mist.
			Do not swallow Avoid contact v	
			Avoid prolonae	d or repeated contact with skin.
			Handle in acco	
			Handle in acco practice, based sessment	d or repeated contact with skin. rdance with good industrial hygiene and safet on the results of the workplace exposure as- event spills, waste and minimize release to th

es : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke.

	Wash contaminated clothing before re-use.
Conditions for safe storage	: Keep in properly labelled containers.
	Store in accordance with the particular national regulations.
Materials to avoid	: Do not store with the following product types:
	Strong oxidizing agents

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Fluralaner	864731-61-3	TWA	100 µg/m3 (OEB 2)	Internal
	Further information: Skin			
		Wipe limit	1000 µg/100 cm ²	Internal

Engineering measures

: Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.



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Personal protective equipment

Respiratory protection Filter type Hand protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Combined particulates and organic vapour type
Material	:	Chemical-resistant gloves
Remarks	:	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous sub- stance and specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.
Eye protection	:	Wear the following personal protective equipment: Safety glasses
Skin and body protection	:	Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Section 9: Physical and chemical properties

Appearance	:	liquid
Colour	:	yellow
Odour	:	No data available
Odour 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	:	103 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	Not applicable
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	•
	Vapour	pressure	:	No data available)
	Relative	e vapour density	:	No data available)
	Relative	e density	:	No data available	9
	Density		:	1,045 kg/m³ (25 °	°C)
	Solubilit Wate	ty(ies) er solubility	:	soluble	
	Partitior octanol/	n coefficient: n-	:	Not applicable	
		nition temperature	:	No data available	
	Decomp	position temperature	:	No data available)
	Viscosit Visc	y osity, dynamic	:	0.145 Pas (25 °C	2)
	Visc	osity, kinematic	:	139 mm2/s (25 °	C)
	Explosiv	ve properties	:	Not explosive	
	Oxidizir	ng properties	:	The substance of	mixture is not classified as oxidizing.
	Molecul	ar weight	:	Not applicable	
	Particle Particle	characteristics size	:	Not applicable	

Section 10: Stability and reactivity

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



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Section 11: Toxicological information

Exposure routes	: Inhalation Skin contact
	Ingestion
	Eye contact

Acute toxicity

Not classified based on available information.

Components:

Fluralaner:

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Remarks: No mortality observed at this dose. No significant adverse effects were reported
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Remarks: No significant adverse effects were reported

Skin corrosion/irritation

Not classified based on available information.

Components:

Fluralaner:	
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Species	:	Rabbit
Result	:	No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Components:

Fluralaner:

Species	:	Rabbit
Result	:	Mild eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Fluralaner:

Test Type	:	Maximisation Test
Exposure routes	:	Dermal



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	Specie: Result	5	:	Guinea pig Not a skin sensitiz	7er.
		c toxicity	-		
	Germ o	cell mutagenicity ssified based on availa	able	information.	
	Compo	onents:			
	Flurala	ner:			
	Genoto	xicity in vitro	:	Test Type: Bacter Result: negative	ial reverse mutation assay (AMES)
				Test Type: Mouse Result: negative	e Lymphoma
				Test Type: Chrom Result: negative	nosomal aberration
	Genoto	xicity in vivo	:	Test Type: Micror Species: Mouse Cell type: Bone m Application Route Result: negative	arrow
		ogenicity ssified based on availa	able	information.	
	Compo	onents:			
	Flurala	ner:			
	Carcino ment	ogenicity - Assess-	:	No data available	
	•	fuctive toxicity sted of damaging the u	nbo	rn child.	
	•	onents:			
	Flurala	ner:			
	Effects	on fertility	:	General Toxicity F	
				Test Type: One-g	eneration reproduction toxicity study



Species: Dog Application Route: Oral Fertility: NOAEL: 75 mg/kg body weight Result: No effects on fertility and early embryonic develop- ment were detected. Effects on foetal develop- ment : Test Type: Development Species: Rat Application Route: Oral Developmental Toxicity: NOAEL: 100 mg/kg body weight Result: Embryotoxic effects and adverse effects on the off- spring were detected only at high matemally toxic doses, No teratogenic effects Test Type: Development Result: Embryotoxic effects and adverse effects on the off- spring were detected only at high matemally toxic doses, No teratogenic effects Test Type: Development Result: Skeletal malformations, Visceral malformations Remarks: Matemal toxicity observed. Test Type: Development Species: Rabit Application Route: Oral Developmental Toxicity: NOAEL: 100 mg/kg body weight Result: Skeletal malformations, Visceral malformations Remarks: Matemal toxicity observed. Test Type: Development Species: Rabit Application Route: Dermal Developmental Toxicity: NOAEL: 100 mg/kg body weight Result: Skeletal malformation. STOT - single exposure Not classified based on available information. STOT - single exposure Notalssified based on available information. Stot classified based o	ersion 2	Revision Date: 23.07.2024		S Number: 357765-00004	Date of last issue: 12.03.2024 Date of first issue: 28.02.2024
ment Species: Rat Application Route: Oral Developmental Toxicity: NOAEL: 100 mg/kg body weight Result: Embryotoxic effects and adverse effects on the off- spring were detected only at high matemally toxic doses, No teratogenic effects Test Type: Development Species: Rabbit Application Route: Oral Developmental Toxicity: NOAEL: 10 mg/kg body weight Result: Skeletal malformations, Visceral malformations Remarks: Maternal toxicity observed. Test Type: Development Species: Rabbit Application Route: Dermal Developmental Toxicity: NOAEL: 100 mg/kg body weight Result: Skeletal malformations Reproductive toxicity - As- sessment : STOT - single exposure Not classified based on available information. STOT - repeated exposure Not classified based on available information. STOT - repeated exposure Not classified based on available information. Reproductive toxicity - As- sessment Stot - single exposure Not classified based on available information. Repeated dose toxicity Components: Fluralaner: Species : Dog NOAEL : Timg/kg Application Route : Oral Exposure time : 52 Weeks Target Organs : Liver Remarks : No significant adverse effects were reported				Application Rout Fertility: NOAEL Result: No effect ment were detect	: 75 mg/kg body weight ts on fertility and early embryonic develop- ted.
Test Type: Development Species: Rabbit Application Route: Dermal Developmental Toxicity: NOAEL: 100 mg/kg body weight Result: Skeletal malformations Reproductive toxicity - As- : Suspected of damaging the unborn child. sessment STOT - single exposure Not classified based on available information. STOT - repeated exposure Not classified based on available information. Repeated dose toxicity Components: Fluralaner: Species : Dog NOAEL : 1 mg/kg Application Route : Oral Exposure time : 52 Weeks Target Organs : Liver Remarks : No significant adverse effects were reported Species : Juvenile dog LOAEL : 56 - 280 mg/kg		ts on foetal develop-	:	Species: Rat Application Rout Developmental T Result: Embryoto spring were detected teratogenic effect Test Type: Deve Species: Rabbit Application Rout Developmental T Result: Skeletal	e: Oral Foxicity: NOAEL: 100 mg/kg body weight oxic effects and adverse effects on the off- ected only at high maternally toxic doses, No ets elopment re: Oral Foxicity: NOAEL: 10 mg/kg body weight malformations, Visceral malformations
sessment STOT - single exposure Not classified based on available information. STOT - repeated exposure Not classified based on available information. Repeated dose toxicity Components: Fluralaner: Species : Dog NOAEL : 1 mg/kg Application Route : Oral Exposure time : 52 Weeks Target Organs : Liver Remarks : No significant adverse effects were reported Species : Juvenile dog LOAEL : 56 - 280 mg/kg				Test Type: Deve Species: Rabbit Application Rout Developmental T	lopment e: Dermal Foxicity: NOAEL: 100 mg/kg body weight
Not classified based on available information. STOT - repeated exposure Not classified based on available information. Repeated dose toxicity Components: Fluralaner: Species : Dog NOAEL : You in the state of th		-	:	Suspected of da	maging the unborn child.
STOT - repeated exposure Not classified based on available information. Repeated dose toxicity Components: Fluralaner: Species : Dog NOAEL : Application Route : Oral Exposure time : S2 Weeks Target Organs : Liver Remarks : Species : Juvenile dog LOAEL : Species : Superior Store : Species :	STOT	- single exposure			
Not classified based on available information. Repeated dose toxicity Components: Fluralaner: Species : Dog NOAEL : Application Route : Speciers : Target Organs : Liver Remarks : No significant adverse effects were reported Species : LOAEL : Species : Species <td< td=""><td>Not cl</td><td>lassified based on avai</td><td>lable</td><td>information.</td><td></td></td<>	Not cl	lassified based on avai	lable	information.	
Repeated dose toxicityComponents:Fluralaner:Species: DogNOAEL: 1 mg/kgApplication Route: 0ralExposure time: 52 WeeksTarget Organs: LiverRemarks: No significant adverse effects were reportedSpecies: Juvenile dogLOAEL: 56 - 280 mg/kg	STOT	- repeated exposure			
Components: Fluralaner: Species : Dog NOAEL : 1 mg/kg Application Route : Oral Exposure time : 52 Weeks Target Organs : Liver Remarks : No significant adverse effects were reported Species : Juvenile dog LOAEL : 56 - 280 mg/kg	Not cl	lassified based on avai	lable	information.	
Components: Fluralaner: Species : Dog NOAEL : 1 mg/kg Application Route : Oral Exposure time : 52 Weeks Target Organs : Liver Remarks : No significant adverse effects were reported Species : Juvenile dog LOAEL : 56 - 280 mg/kg	Repe	ated dose toxicity			
Fluralaner: Species : Dog NOAEL : 1 mg/kg Application Route : Oral Exposure time : 52 Weeks Target Organs : Liver Remarks : No significant adverse effects were reported Species : Juvenile dog LOAEL : 56 - 280 mg/kg	-	-			
Species:DogNOAEL:1 mg/kgApplication Route:OralExposure time:52 WeeksTarget Organs:LiverRemarks:No significant adverse effects were reportedSpecies:Juvenile dogLOAEL:56 - 280 mg/kg					
NOAEL : 1 mg/kg Application Route : Oral Exposure time : 52 Weeks Target Organs : Liver Remarks : No significant adverse effects were reported Species : Juvenile dog LOAEL : 56 - 280 mg/kg				Dec	
Application Route:OralExposure time:52 WeeksTarget Organs:LiverRemarks:No significant adverse effects were reportedSpecies:Juvenile dogLOAEL:56 - 280 mg/kg			:	0	
Exposure time: 52 WeeksTarget Organs: LiverRemarks: No significant adverse effects were reportedSpecies: Juvenile dogLOAEL: 56 - 280 mg/kg			:		
Target Organs: LiverRemarks: No significant adverse effects were reportedSpecies: Juvenile dogLOAEL: 56 - 280 mg/kg			÷		
Remarks : No significant adverse effects were reported Species : Juvenile dog LOAEL : 56 - 280 mg/kg			:		
LOAEL : 56 - 280 mg/kg			:	No significant ad	lverse effects were reported
LÓAEL : 56 - 280 mg/kg	Spaci	20		luvenile dog	
	-		:		



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	sure time otoms	:	24 Weeks Diarrhoea	
Expo		:	Rat 400 mg/kg Oral 90 Days Liver, thymus gl	and
Expo	EL cation Route sure time et Organs		Rat 500 mg/kg Dermal 90 Days Liver No significant ac	dverse effects were reported
Not c	ration toxicity classified based on avail	able	information.	
<u>Com</u>	ponents:			
	alaner: applicable			
Expe	erience with human ex	posı	ıre	
<u>Com</u>	ponents:			
Skin	alaner: contact contact	:	Remarks: May i Remarks: May c	rritate skin. ause eye irritation.
Section 1	2: Ecological informat	tion		
Ecot	oxicity			
	ponents:			
Flura	alaner:			
	sity to fish	:	Exposure time: 9 Method: OECD	nchus mykiss (rainbow trout)): > 0.0488 mg/l 96 h Test Guideline 203 kicity at the limit of solubility
Toxic	city to daphnia and othe	r:	EC50 (Daphnia	magna (Water flea)): > 0.015 mg/l



rsion	Revision Date: 23.07.2024		0S Number: 357765-00004	Date of last issue: 12.03.2024 Date of first issue: 28.02.2024
plants				2 h Test Guideline 201 icity at the limit of solubility
Toxicit icity)	y to fish (Chronic tox-	:		
	y to daphnia and other c invertebrates (Chron- sity)	:	Exposure time: 2	magna (Water flea)): 0.0736 μg/l 1 d ⁻ est Guideline 211
M-Fac toxicity	tor (Chronic aquatic /)	:	1,000	
	tence and degradabili a available	ty		
Bioac	cumulative potential			
<u>Comp</u>	onents:			
Flural	aner:			
Bioaco	cumulation	:		sh factor (BCF): 79.4 Fest Guideline 305
	on coefficient: n- l/water	:	log Pow: 4.5	
Mobili	ty in soil			
<u>Comp</u>	onents:			
Flural	aner:			
	ution among environ- l compartments	:	log Koc: 4.1	
Other	adverse effects			
<u>Comp</u>	onents:			
Flurala Result assess	s of PBT and vPvB	:	Substance is not	persistent, bioaccumulative, and toxic (PB

Waste from residues	:	Do not dispose of waste into sewer.
		Dispose of in accordance with local regulations.



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Contar	ninated packaging	:		rs should be taken to an approved waste har
				cycling or disposal. specified: Dispose of as unused product.
ection 14	: Transport informatio	on		
Interna	ational Regulations			
UNRT	DG			
UN nu	mber	:	UN 3082	
Proper	shipping name	:	ENVIRONMEN N.O.S. (Fluralaner)	TALLY HAZARDOUS SUBSTANCE, LIQUID
Class		:	9	
Packin	g group	:	III	
Labels		:	9	
Enviro	nmentally hazardous	:	yes	
IATA-I				
UN/ID		:	UN 3082	
·	shipping name	:	(Fluralaner)	/ hazardous substance, liquid, n.o.s.
Class		:	9	
	g group	÷	 Miacolloneouo	
Labels	g instruction (cargo	:	Miscellaneous 964	
aircraf	t)	•		
ger air		:	964	
Enviro	nmentally hazardous	:	yes	
IMDG-	Code			
UN nu	mber	:	UN 3082	
Proper	shipping name	:	ENVIRONMEN N.O.S. (Fluralaner)	TALLY HAZARDOUS SUBSTANCE, LIQUIE
Class			(Fiuraiarier) 9	
	g group	÷		
Labels		÷	9	
EmS C		:	F-A, S-F	
	e pollutant	:	yes	
-	port in bulk according plicable for product as			POL 73/78 and the IBC Code
Natior	al Regulations	•		
NZS 5	-			
UN nu			UN 3082	

UN number Proper shipping name	-	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Fluralaner)
Class	:	9



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Packing group	:	Ш
Labels	:	9
Hazchem Code	:	3Z
Marine pollutant	:	yes

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

HSNO Approval Number

HSR100758 Veterinary Medicines Non dispersive Closed System Application Group Standard

Tolerable Exposure Limits (TEL)

Not applicable

Environmental Exposure Limits (EEL)

Not applicable

HSW Controls

Certified handler certificate not required. Tracking hazardous substance not required. Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

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

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

Section 16: Other information

Revision Date	:	23.07.2024
Further information		
Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
Date format	:	dd.mm.yyyy

Full text of other abbreviations



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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 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.

NZ / EN