

Version 2.0	Revision Date: 22.04.2021		S Number: 0038860987	This	version rep	laces all previou	s versions.			
SECTION 1. PRODUCT AND COMPANY IDENTIFICATION										
Pro	oduct name	:	DEMAND 100CS	3 INSE	ECTICIDE					
Design code			A12690P							
Ма	nufacturer or supplier's o	detai	ls							
Co	Company : Syngenta Australia Pty Ltd (ABN 33 002 933 717) www.syngenta.com.au									
Ade	Address : 2-4 Lyonpark Road Macquarie Park NSW 2113 Australia									
Tel	Telephone : (02) 8014 5200									
Tel	efax	:	(02) 8876 8446							
Em	ergency telephone numbe	r :	13 11 2 1800 033 111 (S	6 Syngei	(Poison nta)	Information	Centre)			

Recommended use of the chemical and restrictions on use

Recommended use : Insecticide

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

May cause temporary itching, tingling, burning or numbness of exposed skin, called paresthesia.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
lambda-cyhalothrin (ISO)	91465-08-6	< 10
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified	64742-95-6	< 10
propane-1,2-diol	57-55-6	< 10
phosphoric acid	7664-38-2	>= 1 -< 3

SECTION 4. FIRST AID MEASURES



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Gene	General advice		: Have the product container, label or Safety Data Sheet with you when calling the emergency number, a poison control center or physician, or going for treatment.				
lf inh	If inhaled		Move the victim to fresh air. If breathing is irregular or stopped, administer artificial respira- tion. Keep patient warm and at rest. Call a physician or poison control centre immediately.				
In ca	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 ca	In case of eye contact		Rinse immedia for at least 15 Remove conta	ately with plenty of water, also under the eyelids, minutes.			
lf swa	If swallowed			eek medical advice immediately and show this bel.			
	important symptoms effects, both acute and /ed		Skin contact p	v cause pulmonary oedema and pneumonitis. aresthesia effects (itching, tingling, burning or e transient, lasting up to 24 hours.			
Note	Notes to physician		Do not induce aromatic solve Treat sympton				

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Extinguishing media - small fires Use water spray, alcohol-resistant foam, dry chemical or car- bon dioxide. Extinguishing media - large fires Alcohol-resistant foam or Water spray
Unsuitable extinguishing media Specific hazards during fire- fighting	:	Do not use a solid water stream as it may scatter and spread fire. As the product contains combustible organic components, fire will produce dense black smoke containing hazardous prod- ucts of combustion (see section 10). Exposure to decomposition products may be a hazard to health.
Specific extinguishing meth- ods Special protective equipment for firefighters Hazchem Code	:	Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water spray. Wear full protective clothing and self-contained breathing ap- paratus. •3Z

SECTION 6. ACCIDENTAL RELEASE MEASURES

tive equipment and emer-

Personal precautions, protec- : Refer to protective measures listed in sections 7 and 8.



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gency	/ procedures			
Envir	onmental precautions	:	Do not flush into s	akage or spillage if safe to do so. surface water or sanitary sewer system. taminates rivers and lakes or drains inform ities.
	ods and materials for inment and cleaning up	:	sorbent material, miculite) and place / national regulation Clean contaminate Clean with deterg	and then collect with non-combustible ab- (e.g. sand, earth, diatomaceous earth, ver- e in container for disposal according to local ons (see section 13). ted surface thoroughly. lents. Avoid solvents. se of contaminated wash water.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	 No special protective measures against fire required. Avoid contact with skin and eyes. When using do not eat, drink or smoke. For personal protection see section 8.
Conditions for safe storage	 No special storage conditions required. 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

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
lambda-cyhalothrin (ISO)	91465-08-6	TWA	0.04 mg/m3 (Skin)	Syngenta
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified	64742-95-6	TWA	19 ppm 100 mg/m3	Supplier
propane-1,2-diol	57-55-6	TWA (partic- ulate)	10 mg/m3	AU OEL
		TWA (Total (vapour and particles))	150 ppm 474 mg/m3	AU OEL
phosphoric acid	7664-38-2	TWA	1 mg/m3	AU OEL
		STEL	3 mg/m3	AU OEL
		TWA	1 mg/m3	ACGIH
		STEL	3 mg/m3	ACGIH
Engineering measures	CONTROLS/		ENDATIONS FOR E OTECTION ARE INT	

SURES : THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THE PRODUCT. FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.



ersion)	Revision Date: 22.04.2021	SDS Number: S00038860987	This version replaces all previous versio
			d/or segregation is the most reliable technic ure if exposure cannot be eliminated.
			ese protection measures depends on the
		Maintain air con standards.	centrations below occupational exposure y, seek additional occupational hygiene ad
Perso	onal protective equip	ment	
Respi	ratory protection	quired. When workers a	piratory protective equipment normally re- re facing concentrations above the exposu se appropriate certified respirators.
Hand	protection	······	
Br	aterial eak through time ove thickness	: Nitrile rubber : > 480 min : 0.5 mm	
Re	emarks	does not only de features and is of Please observe breakthrough tin gloves. Also take tions under whic cuts, abrasion, a depends among and the type of g each case. Glov	gloves. The choice of an appropriate glove pend on its material but also on other qual lifferent from one producer to the other. the instructions regarding permeability and he which are provided by the supplier of the e into consideration the specific local condi- h the product is used, such as the danger of and the contact time. The break through tim st other things on the material, the thickness glove and therefore has to be measured for es should be discarded and replaced if the of degradation or chemical breakthrough.
	rotection and body protection	 No special prote Choose body protection and amound and amound and amound and amound and an and a mound a mound and a mound a	ctive equipment required. otection in relation to its type, to the concer unt of dangerous substances, and to the sp sh contaminated clothing before re-use. riate:
Protec	ctive measures	over the use of p	nical measures should always have priority personal protective equipment. personal protective equipment, seek appro
		Personal protect national standar	ive equipment should comply with relevant ds

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance
- : liquid, opaque



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Colo Odou		:	light beige to brow No data available	
Odou	r Threshold	:	No data available	9
рН		:	4 - 8 Concentration: 1	% w/v
Meltir	ng point/range	:	No data available	9
Boilin	g point/boiling range	:	No data available	9
Flash	point	:	Method: Pensky- does not flash	Martens closed cup
Evap	oration rate	:	No data available	9
Flam	mability (solid, gas)	:	No data available	9
	r explosion limit / Upper nability limit	:	No data available	9
	r explosion limit / Lower nability limit	:	No data available	9
Vapo	ur pressure	:	No data available	
Relat	ive vapour density	:	No data available	9
Dens	ity	:	1.04 g/cm3 (25 °	C)
	pility(ies) ater solubility	:	No data available	9
Sc	olubility in other solvents	:	No data available	9
	ion coefficient: n-	:	No data available	9
	ol/water ignition temperature	:	625 °C	
Deco	mposition temperature	:	No data available	9
Visco Vi	sity scosity, dynamic	:	41 - 208 mPa.s (40 °C)
			55 - 268 mPa.s (20 °C)
Vi	scosity, kinematic	:	No data available	9
Explo	sive properties	:	Not explosive	
Oxidi	zing properties	:	The substance o	r mixture is not classified as oxidizing.
Surfa	ce tension	:	50.8 mN/m, 20 °(C



DEMAND 100CS INSECTICIDE Version Revision Date: SDS Number: This version replaces all previous versions. 22.04.2021 S00038860987 2.0 Particle size No data available SECTION 10. STABILITY AND REACTIVITY Reactivity ÷ None reasonably foreseeable. Stable under normal conditions. Chemical stability 2 Possibility of hazardous reac-: No dangerous reaction known under conditions of normal use. tions Conditions to avoid No decomposition if used as directed. 1 Incompatible materials : None known. Hazardous decomposition No hazardous decomposition products are known. : products SECTION 11. TOXICOLOGICAL INFORMATION Exposure routes Ingestion 1 Inhalation Skin contact Eye contact Acute toxicity Product: LD50 (Rat, male and female): > 2,000 mg/kg Acute oral toxicity Assessment: The substance or mixture has no acute oral toxicity LC50 (Rat, male and female): > 0.655 mg/l Acute inhalation toxicity Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Acute dermal toxicity LD50 (Rat, male and female): > 4,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity **Components:** lambda-cyhalothrin (ISO): LD50 (Rat, female): 56 mg/kg Acute oral toxicity 5 LD50 (Rat, male): 79 mg/kg LC50 (Rat, male and female): 0.06 mg/l Acute inhalation toxicity Exposure time: 4 h Test atmosphere: dust/mist Acute dermal toxicity LD50 (Rat, female): 696 mg/kg 5 LD50 (Rat, male): 632 mg/kg

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified: Acute oral toxicity : LD50 (Rat): 3,952 mg/kg



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-	phoric acid:		1
Acute	e oral toxicity	: LD50 (Rat): 30	1 mg/kg
Acute	e dermal toxicity	: LD50 (Rabbit):	2,750 mg/kg
Skin	corrosion/irritation		
Prod	<u>uct:</u>		
Speci		: Rabbit	
Resu	It	: No skin irritatio	n
<u>Com</u>	ponents:		
lamb	da-cyhalothrin (ISO):		
Speci		: Rabbit	
Resu Rema		: No skin irritatio	n Iporary itching, tingling, burning or numbness
Konic			called paresthesia.
phos	phoric acid:		
Resu	It	: Corrosive after	3 minutes to 1 hour of exposure
Serio	ous eye damage/eye i	rritation	
Prod			
Speci		: Rabbit	
Resu	It	: No eye irritation	n
<u>Com</u>	ponents:		
	da-cyhalothrin (ISO):		
Speci Resu		: Rabbit	-
Resu	IL	: No eye irritation	n
-	iratory or skin sensit	isation	
Prod			
Speci Resu		: Guinea pig	populitization on laboratory onimals
Resu	IL	. Dia not cause s	sensitisation on laboratory animals.
<u>Com</u>	<u>ponents:</u>		
	da-cyhalothrin (ISO):		
Test		: Maximisation T	est
Speci Resu		: Guinea pig	e skin sensitisation.
i tesu		. DUES HUL CAUSE	
			ode assay (LLNA)
		: Mouse	e skin sensitisation.



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Chro	nic toxicity			
Germ	n cell mutagenicity			
Com	ponents:			
Germ	da-cyhalothrin (ISO): n cell mutagenicity - ssment	:	Animal testing o	did not show any mutagenic effects.
Germ	p horic acid: n cell mutagenicity - ssment	:	In vitro tests dio	not show mutagenic effects
Carc	inogenicity			
Com	ponents:			
	da-cyhalothrin (ISO): nogenicity - Assess-	:	Weight of evide cinogen	nce does not support classification as a car-
Repr	oductive toxicity			
Com	ponents:			
	da-cyhalothrin (ISO): oductive toxicity - As- ment	:	Weight of evide ductive toxicity	nce does not support classification for repro-
-	p horic acid: oductive toxicity - As- ment	:	No toxicity to re	production
STO	Γ - single exposure			
Com	ponents:			
	da-cyhalothrin (ISO): ssment	:		or mixture is not classified as specific target single exposure.
Solve	ent naphtha (petroleun	1), li	ight arom.; Low	boiling point naphtha -unspecified:
	ssment	:	The substance toxicant, single irritation. The substance	or mixture is classified as specific target organ exposure, category 3 with respiratory tract or mixture is classified as specific target organ exposure, category 3 with narcotic effects.



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STOT - repeated exposure

Components:

lambda-cyhalothrin (ISO):

Assessment

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Components:

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified: May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

	Product:		
	Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): 0.93 mg/l Exposure time: 96 h
	Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.08 mg/l Exposure time: 48 h
	Toxicity to algae/aquatic plants	:	ErC50 (Raphidocelis subcapitata (freshwater green alga)): 53.72 mg/l Exposure time: 72 h
			NOEC (Raphidocelis subcapitata (freshwater green alga)): 3 mg/l End point: Growth rate Exposure time: 72 h
			EC10 (Raphidocelis subcapitata (freshwater green alga)): 7.43 mg/l End point: Growth rate Exposure time: 72 h
	<u>Components:</u>		
	lambda-cyhalothrin (ISO):		
	Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 0.000078 mg/l Exposure time: 96 h
			LC50 (Ictalurus punctatus (channel catfish)): 0.00016 mg/l Exposure time: 96 h
	Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.00036 mg/l Exposure time: 48 h



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			Exposure time:	48 h
			EC50 (Hyalella Exposure time:	azteca (Amphipod)): 0.000002 mg/l 48 h
Toxicity plants	∕ to algae/aquatic	:	ErC50 (Raphido 0.31 mg/l Exposure time:	ocelis subcapitata (freshwater green alga)): > 96 h
M-Facto icity)	or (Acute aquatic tox-	:	100,000	
	v to fish (Chronic tox-	:	NOEC (Pimeph mg/l Exposure time:	ales promelas (fathead minnow)): 0.000031 300 d
aquatic	v to daphnia and other invertebrates (Chron-	:	NOEC (Daphnia Exposure time:	a magna (Water flea)): 0.000002 mg/l 21 d
ic toxici	ty)		NOEC (America Exposure time:	mysis): 0.00022 μg/l 28 d
M-Factor toxicity)	or (Chronic aquatic	:	100,000	
	/ / to microorganisms	:	EC50 (activated Exposure time:	sludge): > 100 mg/l 3 h
Solven	t naphtha (petroleum), li	ght arom.; Low	boiling point naphtha -unspecified:
Toxicity	∕ to fish	:	LL50 (Oncorhyr Exposure time:	ichus mykiss (rainbow trout)): 9.2 mg/l 96 h
	to daphnia and other invertebrates	:	EL50 (Daphnia Exposure time:	magna (Water flea)): 3.2 mg/l 48 h
Toxicity plants	v to algae/aquatic	:	ErC50 (Raphido - 2.9 mg/l Exposure time:	ocelis subcapitata (freshwater green alga)): 2.6 72 h
			NOEC (Raphido mg/l End point: Grow Exposure time:	
Toxicity icity)	∕ to fish (Chronic tox-	:	NOEC (Oncorhy Exposure time:	/nchus mykiss (rainbow trout)): 1.23 mg/l 28 d
	<i>t</i> to daphnia and other invertebrates (Chron- ty)	:	NOEC (Daphnia Exposure time:	a magna (Water flea)): 2.14 mg/l 28 d
	cicology Assessment c aquatic toxicity	:	Toxic to aquatic	life with long lasting effects.
phospl Toxicity	h oric acid: / to fish	:	LC50 (Lepomis	macrochirus (Bluegill sunfish)): 3 - 3.25 mg/l



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			Exposure time:	96 h
Acute	exicology Assessment aquatic toxicity	t :		is no known ecotoxicological effects.
Chror	nic aquatic toxicity	:	This product ha	is no known ecotoxicological effects.
Persi	stence and degradabi	lity		
<u>Comp</u>	oonents:			
	da-cyhalothrin (ISO): gradability	:	Result: Not rea	dily biodegradable.
Stabil	ity in water	:		lf life (DT50): 7 d uct is not persistent.
	e nt naphtha (petroleun gradability		ght arom.; Low Result: Readily	boiling point naphtha -unspecified: biodegradable.
Bioac	cumulative potential			
<u>Comp</u>	oonents:			
	da-cyhalothrin (ISO): cumulation	:	Remarks: Bioad	ccumulates
Mobil	lity in soil			
<u>Com</u>	<u>oonents:</u>			
Distrik menta	da-cyhalothrin (ISO): oution among environ- al compartments ity in soil	:		
Other	r adverse effects			
<u>Comp</u>	oonents:			
Resul	da-cyhalothrin (ISO): ts of PBT and vPvB ssment	:	lating and toxic	is not considered to be persistent, bioaccum (PBT). This substance is not considered to b and very bioaccumulating (vPvB).
Solve	ent naphtha (petroleun	n), li	ght arom.; Low	boiling point naphtha -unspecified:
Resul	ts of PBT and vPvB sment	:	This substance lating and toxic	is not considered to be persistent, bioaccume (PBT). This substance is not considered to b and very bioaccumulating (vPvB).



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Resu	phoric acid: Its of PBT and vPvB ssment	lating and toxic	is not considered to be persistent, bioaccumu- (PBT). This substance is not considered to be and very bioaccumulating (vPvB).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
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	 Non-returnable containers: Triple rinse containers. Add rinsings to spray tank If recycling, replace cap and return clean containers to recycler or designated collection point. Containers marked with the drumMUSTER container logo can be taken to a drumMUS- TER collection site (02 6206 6868, www.drummuster.org.au). Empty containers can be landfilled, when in accordance with the local regulations. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Returnable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SECTION 14. TRANSPORT INFORMATION

UNRTDG UN number Proper shipping name	:	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LAMBDA-CYHALOTHRIN AND SOLVENT NAPHTHA)
Class	:	9
Packing group	:	III
Labels	:	9
IATA-DGR		
UN/ID No.	:	UN 3082
Proper shipping name	:	Environmentally hazardous substance, liquid, n.o.s. (LAMBDA-CYHALOTHRIN AND SOLVENT NAPHTHA)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	964



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ger a	ing instruction (passen- ircraft) onmentally hazardous	: 964 : yes	
UN n	G-Code number er shipping name	N.O.S.	NMENTALLY HAZARDOUS SUBSTANCE, LIQUID, A-CYHALOTHRIN AND SOLVENT NAPHTHA)
Labe EmS	ing group	: 9 : III : 9 : F-A, S-F : yes	

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

Not applicable for product as supplied.

National Regulations

ADG		
UN number	:	UN 3082
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
		N.O.S.
		(LAMBDA-CYHALOTHRIN AND SOLVENT NAPHTHA)
Class	:	9
Packing group	:	III
Labels	:	9
Hazchem Code	:	•3Z
Remarks	:	Environmentally Hazardous Substances meeting the descrip- tions of UN 3077 or UN 3082 are not subject to the Australian Code for the Transport of Dangerous Goods (ADG). This ap- plies when transported by road or rail in packagings that do not incorporate a receptacle exceeding 500 kg(L) or IBCs per ADG Special Provision AU01.

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

Standard for the Uniform : Schedule 5 Scheduling of Medicines and Poisons

Prohibition/Licensing Requirements

: There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.



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Product Registration Number

APVMA Approval No. 87293

SECTION 16. OTHER INFORMATION

Revision Date : 22.04.2021 Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Date format

dd.mm.yyyy

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Full text of other abbreviations

ACGIH AU OEL		USA. ACGIH Threshold Limit Values (TLV) Australia. Workplace Exposure Standards for Airborne Con- taminants.
ACGIH / TWA ACGIH / STEL AU OEL / TWA	:	8-hour, time-weighted average Short-term exposure limit Exposure standard - time weighted average
AU OEL / STEL	:	Exposure standard - short term exposure limit

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; 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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not



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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.

AU / EN