

MOBIHEL 2K HS HARDENER 4300

Version 1.0	Revision Date: 16.11.2023	SDS Number: MAT000477749 AU/EN	Date of last issue: - Date of first issue: 16.11.2023
SECTION	1. PRODUCT A	ND COMPANY IDENTIFI	CATION
Prod	uct name	: MOBIHEL 2ł	K HS HARDENER 4300
Prod	uct code	: 47774901	
Man	ufacturer or sup	plier's details	
Deta	ils of the supplie	er of the safety data shee	et
Com	pany	: Helios Coatin 50 Clapham F SEFTON NS Australia	
E-ma	bhone ail address Respo suing person	: 61 2 9645 31 onsi- : 61 2 9645 31 info@heliosco	
Eme	rgency telephon	e number	
112 (mobile) Ambular	nce 000, Poisons Informat	on Centre: 131 126
SECTION	2. HAZARDS ID	ENTIFICATION	
GHS	Classification		
Flam	mable liquids	: Category 3	
Skin	Skin sensitisation : Category 1		

Specific target organ toxicity - : Category 3 (Respiratory system) single exposure

GHS label elements

Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	H226 Flammable liquid and vapour. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.
Precautionary statements	:	 Prevention: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/ lighting equip-



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ment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out the workplace. P280 Wear protective gloves/ protective clothing/ eye protec- tion/ face protection/ hearing protection. Response: P303 + P361 + P353 IF ON SKIN (or hair): Take off immedia ly all contaminated clothing. Rinse skin with water. P304 + P340 + P312 IF INHALED: Remove person to fresh a and keep comfortable for breathing. Call a POISON CENTEF doctor if you feel unwell. P333 + P313 If skin irritation or rash occurs: Get medical ad- vice/ attention. P362 + P364 Take off contaminated clothing and wash it bef reuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Storage: P403 + P235 Store in a well-ventilated place. Keep cont. P405 Store locked up. Disposal P501 Dispose of contents/ container to an approved waste disposal plant. Other hazards which do not result in classification None known. ECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS Substance / Mixture : Mixture	ersion .0	Revision Date: 16.11.2023	SDS Number: MAT000477749 AU/EN		ast issue: - irst issue: 16.11.2023
 P303 + P361 + P353 IF ON SKIN (or hair): Take off immedia ly all contaminated clothing. Rinse skin with water. P304 + P340 + P312 IF INHALED: Remove person to fresh a and keep comfortable for breathing. Call a POISON CENTER doctor if you feel unwell. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P362 + P364 Take off contaminated clothing and wash it befreuse. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Storage: P403 + P233 Store in a well-ventilated place. Keep containent tightly closed. P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant. Other hazards which do not result in classification None known. ECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS			P242 Use not P243 Take ac P261 Avoid b P271 Use onl P272 Contam the workplace P280 Wear p	ction to prevent stati reathing mist or vap y outdoors or in a w inated work clothing a. rotective gloves/ pro	oours. rell-ventilated area. g should not be allowed out o ntective clothing/ eye protec-
P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant. Other hazards which do not result in classification None known. ECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS Substance / Mixture : Mixture			P303 + P361 ly all contamin P304 + P340 and keep con doctor if you f P333 + P313 vice/ attentior P362 + P364 reuse. P370 + P378	nated clothing. Rins + P312 IF INHALEI nfortable for breathin eel unwell. If skin irritation or ra Take off contamina In case of fire: Use	e skin with water. D: Remove person to fresh aing. Call a POISON CENTER/ ash occurs: Get medical ad- ted clothing and wash it befor dry sand, dry chemical or
P501 Dispose of contents/ container to an approved waste disposal plant. Other hazards which do not result in classification None known. ECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS Substance / Mixture : Mixture			P403 + P233 tightly closed. P403 + P235	Store in a well-vent	
None known. ECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS Substance / Mixture : Mixture			P501 Dispose		ner to an approved waste
Substance / Mixture : Mixture			do not result in classific	ation	
	ECTION 3	. COMPOSITIC	N/INFORMATION ON INC	GREDIENTS	
Components	Substa	nce / Mixture	: Mixture		
	Compo	onents			

Chemical name	CAS-No.	Concentration (% w/w)
Hexamethylene diisocyanate, oligomers	28182-81-2	>= 30 -< 60
2-butoxyethyl acetate	112-07-2	>= 10 -< 30
n-butyl acetate	123-86-4	>= 10 -< 20
Hydrocarbons, C9 aromatics	128601-23-0	>= 1 -< 10
solvent naphtha (petroleum), light aromatic	64742-95-6	>= 1 -< 10

SECTION 4. FIRST AID MEASURES

General advice

Move out of dangerous area. Show this safety data sheet to the doctor in attendance.

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		C	Do not leave the victim unattended.
lf i	nhaled	a	f unconscious, place in recovery position and seek medical advice. f symptoms persist, call a physician.
In	case of skin contact		f on skin, rinse well with water. f on clothes, remove clothes.
In	case of eye contact	F F H	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. f eye irritation persists, consult a specialist.
lf s	swallowed	E N	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. f symptoms persist, call a physician.
an	ost important sympto d effects, both acute layed		None known.
No	tes to physician	: 1	Freat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
Specific extinguishing meth- ods	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored sepa- rately in closed containments. Use a water spray to cool fully closed containers.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.
Hazchem Code	:	•3Y



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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	:	Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on protection against : fire and explosion	Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.
Advice on safe handling :	 Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Hygiene measures :	Wash hands before breaks and at the end of workday.
Conditions for safe storage :	No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.



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Further information on stor- : No decomposition if stored and applied as directed. age stability

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Hexamethylene-di-isocyanate, polymer	28182-81-2	TWA	0.02 mg/m3 (NCO)	AU OEL
· ·	Further inform	ation: Sensitiser		
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further inform	ation: Sensitiser		
2-butoxyethyl acetate	112-07-2	STEL	50 ppm 333 mg/m3	AU OEL
	Further inform	ation: Skin abso	rption	
		TWA	20 ppm 133 mg/m3	AU OEL
	Further inform	ation: Skin abso		
		TWA	20 ppm	ACGIH
n-butyl acetate	123-86-4	STEL	200 ppm 950 mg/m3	AU OEL
		TWA	150 ppm 713 mg/m3	AU OEL
		TWA	50 ppm	ACGIH
		STEL	150 ppm	ACGIH
Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified	64742-95-6	TWA	900 mg/m3	AU OEL
Personal protective equipmer	nt			
	Use respirato	provided or expo	ess adequate local e sure assessment de ommended exposure	monstrates
Filter type	Organic vapo	ur type		
Hand protection				
Gloves	│ Viton® (> 0,6 mm; < 240 min); DIN EN374 │ │ PE laminate (> 0,1 mm; < 240 min); DIN EN374 │			
Remarks	with the produced Please obser breakthrough gloves. Also t	The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local condi- tions under which the product is used, such as the danger of		

Components with workplace control parameters



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			cuts, abras	sion, and the contact time.			
Eye p	rotection	:	Eye wash	t should conform to EN 166 bottle with pure water ng safety goggles			
Skin a	and body protection	:	Impervious clothing Choose body protection according to the amount and con- centration of the dangerous substance at the work place.				
SECTION	9. PHYSICAL AND	CHEMI	CAL PROP	ERTIES			
Арреа	arance	:	liquid				
Colou	r	:	in accord	ance with the product description			
Odour	r	:	solvent-lil	ke			
Odour	r Threshold	:	No data a	vailable			
рН		:	Not applie	cable			
Meltin	g point/freezing po	nt :	-78.0 °C (calculatio	on method (principal components, lowest value))			
Boiling	g point/boiling rang	ə :	126 °C (calculatio	on method (principal components, lowest value))			
Flash	point	:	50 °C				
Flamn	nability (solid, gas)	:	Static-acc	cumulating flammable liquid., Combustible Solids			
	• explosion limit / U ability limit	oper :	10.1 %(V)			
	• explosion limit / Lo ability limit	ower :	1.2 %(V)				
Relati	ve vapour density	:	No data a	vailable			
Relati	ve density	:	No data a	vailable			
Densi	ty	:	1.04 g/cm	13			
	ility(ies) ater solubility	:	immiscibl	e, partly soluble			
So	lubility in other solv	ents :	Descriptio	on: miscible with most organic solvents			



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	on coefficient: n- ol/water	:	log Pow: 1.81	
Auto-	Auto-ignition temperature :			
Deco	mposition temper	ature :		ition if stored and applied as directed. composition products formed under fire condi-
Visco Vis	sity scosity, kinematic	:	> 20.5 mm2/s	(40 °C)
Explo	Explosive properties :		Not applicable	;
Oxidiz	zing properties	:	Sustains com	bustion

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac- tions	:	No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Incompatible with strong acids and bases.
Hazardous decomposition products	:	Adequate ventilation is required. Heating can release vapours which can be ignited. Carbon monoxide, carbon dioxide and unburned hydrocar- bons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity	
Product: Acute oral toxicity	: Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	: Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	: Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method



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<u>Comp</u>	oonents:			
Hexa	methylene-di-isc	cyanate,	polymer:	
Acute	inhalation toxicity	/ :	Assessment short term in	: The component/mixture is moderately toxic af halation.
2-but	oxyethyl acetate	:		
Acute	oral toxicity	:	Assessment single ingest	: The component/mixture is moderately toxic af tion.
			LD50 Oral (F	Rat): >= 2,400 mg/kg
Acute	inhalation toxicity	<i>י</i> :	LC50 (Rat): Exposure tin Test atmosp	
Acute	dermal toxicity	:	Assessment single conta	: The component/mixture is moderately toxic af ct withskin.
			LD50 (Rabb	it): >= 1,500 mg/kg
n-but	yl acetate:			
	oral toxicity	:	LD50 Oral (I	Rat): >= 10,760 mg/kg
Acute	dermal toxicity	:	LD50 (Rabb	it): >= 5,000 mg/kg
Hydro	ocarbons, C9 arc	matics:		
Acute	dermal toxicity	:	LD50 (Rabb	it): > 3,160 mg/kg
			-	ow boiling point naphtha -unspecified: Rat): > 2,000 mg/kg
Acute	inhalation toxicity	<i>י</i> :	LC50 (Rat): Test atmosp	> 5 mg/l here: vapour
Acute	dermal toxicity	:	LD50 (Rabb	it): > 2,000 mg/kg
Skin	corrosion/irritati	on		
<u>Produ</u>	uct:			
Rema	ırks	:	May cause s	skin irritation and/or dermatitis.
Serio	us eye damage/e	eye irritati	on	
<u>Produ</u>	<u>uct:</u>			
Rema	ırks	:	Vapours ma and the skin	y cause irritation to the eyes, respiratory systen



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Resp	iratory or skin s	sensitisation	
<u>Produ</u> Rema		: Causes sensitis	ation.
Com	oonents:		
		ocyanate, polymer:	
Resu	•		idence of skin sensitisation in humans
Chro	nic toxicity		
Germ	cell mutagenic	ity	
Com	oonents:		
Germ	ent naphtha (per cell mutagenicit ssment	y - : Classified based	boiling point naphtha -unspecified: d on benzene content < 0.1% (Regulation (EC) ex VI, Part 3, Note P)
Carci	nogenicity		
Com	oonents:		
	ent naphtha (per nogenicity - Asse	ess- : Classified based	boiling point naphtha -unspecified: d on benzene content < 0.1% (Regulation (EC) ex VI, Part 3, Note P)
STOT	- single expos	ure	
<u>Com</u>	oonents:		
Hexa	methylene-di-is	ocyanate, polymer:	
Asses	ssment	: May cause resp	iratory irritation.
n-but	yl acetate:		
Asses	ssment	: May cause drow	vsiness or dizziness.
Hydro	ocarbons, C9 ar	omatics:	
Asses	ssment	: May cause drow	vsiness or dizziness.
Asses	ssment	: May cause resp	iratory irritation.
Solve	ent naphtha (per	roleum), light arom.; Low I	poiling point naphtha -unspecified:
Asses		· May cause drow	
	ssment	. may badded alon	vsiness or dizziness.



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Aspiration toxicity

Components:

Hydrocarbons, C9 aromatics:

May be fatal if swallowed and enters airways.

Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks

: Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Components:

2-butoxyethyl acetate:		
Toxicity to fish	:	LC50 (Fish): >= 31 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	LC50 (Daphnia (water flea)): >= 142.5 mg/l Exposure time: 48 h
Toxicity to microorganisms	:	EC50 (Bacteria): >= 2,800 mg/l
n-butyl acetate: Toxicity to algae/aquatic plants	:	NOEC (Desmodesmus subspicatus (green algae)): > 200 mg/l
		EC50 (Desmodesmus subspicatus (green algae)): >= 647.7 mg/l Exposure time: 72 h
Toxicity to microorganisms	:	IC50 (Tetrahymena pyriformis): 356 mg/l Exposure time: 40 h
Hydrocarbons, C9 aromatics	s:	
Toxicity to fish	•	LC50 (Fish): >= 9.2 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia (water flea)): >= 3.2 mg/l Exposure time: 48 h

Ecotoxicology Assessment



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Chror	nic aquatic toxicit	y :	Toxic to aquation	life with long lasting effects.
	ent naphtha (pet ity to fish	roleum), I :	-	boiling point naphtha -unspecified: 1 - 10 mg/l
	ity to daphnia and ic invertebrates	d other :	LC50 (Daphnia	(water flea)): > 1 - 10 mg/l
Toxic	ity to microorgan	isms :	EC50 (Bacteria): > 1 - 10 mg/l
	oxicology Asses		Toxic to aquation	: life with long lasting effects.
Persi	stence and deg	radability		
Com	oonents:			
	oxyethyl acetate gradability): :	Result: Biodegr	adable
	yl acetate: egradability	:	Result: Biodegr Biodegradation Exposure time: Method: OECD	: 83 %
Stabil	ity in water	:	Degradation ha Remarks: Hydr	lf life: 78 d pH: 8 blyses slowly.
Photo	odegradation	:	Remarks: Decc	mposes rapidly in contact with light.
Bioad	ccumulative pot	ential		
<u>Com</u>	ponents:			
Partit	oxyethyl acetate ion coefficient: n- ol/water		log Pow: 1.51	
	yl acetate:		Bioconcentratio	n factor (BCF): 15
2100.0				ccumulation is unlikely.
	ion coefficient: n- ol/water	:	log Pow: 1.81	
Hydro	ocarbons, C9 ar	omatics:		
Partit	ion coefficient: n- ol/water		log Pow: < 4	



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Mobil	ity in soil			
<u>Comp</u>	onents:			
Hydro	ocarbons, C9 ar	omatics:		
Mobili	ty	:	Medium: Air Content: 92.9 %	
			Medium: Water Content: 3.5 %	
			Medium: Soil Content: 1.9 %	
			Medium: Sediment Content: 1.8 %	
Distribution among environ- : mental compartments		Koc: 1.71 - 14.70 Remarks: Mobile in	soils	
			Remarks: The produ	uct is insoluble and floats on water.
Other	adverse effect	s		
<u>Produ</u>	<u>ict:</u>			
Addition mation	onal ecological i า	nfor- :	unprofessional hanc	azard cannot be excluded in the event o dling or disposal. ife with long lasting effects.

Disposal methods		
Waste from residues	:	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemi- cal or used container. Send to a licensed waste management company.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UN number	:	UN 1263
Proper shipping name	:	PAINT
Class	:	3



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Packin Labels	g group	:	III 3	
Class Packin Labels Packin aircraft	No. shipping name g group g instruction (cai) g instruction (pai	-	UN 1263 Paint 3 III Flammable Liquids 366 355	
IMDG- UN nu Proper		:	UN 1263 PAINT	
Labels EmS C		:	3 III 3 F-E, <u>S-E</u> no	

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

Not applicable for product as supplied.

National Regulations

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 6 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



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the model WHS Act and Regulations.

SECTION 16. OTHER INFORMATION

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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	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
AU OEL / TWA	:	Exposure standard - time weighted average
AU OEL / STEL	:	Exposure standard - short term exposure limit

: 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; 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 given is designed only as a guid-



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ance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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