

Version 1.5	Revision Date: 07.10.2016		S Number: 987-00006	Date of last issue: 09.04.2016 Date of first issue: 28.10.2014			
SECTION 1	ECTION 1. PRODUCT AND COMPANY IDENTIFICATION						
Produc	Product name		MOLYKOTE(R) 44 HIGH TEMP. BEARING GREASE, MEDIUM				
Produc	t code	: 00000000001889818		9818			
Manufa	Manufacturer or supplier's details						
Compa	Company		Dow Corning Australia Pty Ltd, ABN 36 008 444 166				
Addres	Address		Darling Park, To Level 20, 201 Su Sydney. NSW 20	ssex Street			
			Locked Bag 209 North Ryde, NSV				
Teleph	Telephone		1300-369-745				
Emerge	Emergency telephone number		1300-360-732 (24 Hours)				
Telefax	(	:	1300-650-785				
Recom	mended use of the cl	nemi	cal and restrictio	ns on use			
Recom	Recommended use		Lubricants and lu	bricant additives			

### **SECTION 2. HAZARDS IDENTIFICATION**

#### **GHS Classification**

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Not a hazardous substance or mixture.

#### **GHS** label elements

Not a hazardous substance or mixture.

# Other hazards which do not result in classification None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Silicone grease

### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Lithium stearate	4485-12-5	>= 10 - < 30

### **SECTION 4. FIRST AID MEASURES**

DOW CORNING

# SAFETY DATA SHEET MOLYKOTE(R) 44 HIGH TEMP. BEARING GREASE, MEDIUM

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If inhaled		:	If inhaled, remove Get medical atter	e to fresh air. ition if symptoms occur.	
In case of skin contact		:	Wash with water and soap as a precaution. Get medical attention if symptoms occur.		
In c	In case of eye contact			vater as a precaution. ition if irritation develops and persists.	
If swallowed		:	Get medical atter	NOT induce vomiting. Ition if symptoms occur. oughly with water.	
and	t important symptoms effects, both acute and yed	:	: None known.		
Prof	ection of first-aiders	:	No special preca	utions are necessary for first aid responders.	
Note	es to physician	:	Treat symptomati	cally and supportively.	

### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire- fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Silicon oxides Formaldehyde Metal oxides
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. Evacuate area.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary. Use personal protective equipment.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : Follow safe handling advice and personal protective equip-

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tive equipment and emer- gency procedures			ment recommend	lations.	
	Enviro	nmental precautions	: Discharge into the environment must b Prevent further leakage or spillage if sa Retain and dispose of contaminated wa Local authorities should be advised if s cannot be contained.		akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages
		ds and materials for iment and cleaning up	:	For large spills, p ment to keep mat be pumped, store Clean up remaining bent. Local or national posal of this mate employed in the of mine which regula Sections 13 and	t absorbent material. rovide dyking or other appropriate contain- erial from spreading. If dyked material can recovered material in appropriate container. In g materials from spill with suitable absor- regulations may apply to releases and dis- erial, as well as those materials and items cleanup of releases. You will need to deter- ations are applicable. 15 of this SDS provide information regarding ational requirements.

#### SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	:	Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Hygiene measures	:	Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may re- quire added precautions.
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 Control parame- Basis
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rsion	Revision Date:		DS Number:		st issue: 09.04.2016	
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				(Form of exposure)	ters / Permissible concentration	
Lithiu	m stearate		4485-12-5	TŴA	10 mg/m3	AU OEL
				ation: This valu < 1% crystalline	ie is for inhalable dus e silica	t containing n
				TWA	10 mg/m3	ACGIH
5	neering measures		10). Ensure adeq	uate ventilation	lous compounds (see , especially in confine	
			Minimize wor	kplace exposur	e concentrations.	
Perso	onal protective equip	oment		kplace exposur	e concentrations.	
	onal protective equip iratory protection	oment :	: Use respirato ventilation is	bry protection ur	e concentrations. nless adequate local o posure assessment de commended exposure	emonstrates
Respi		oment : :	: Use respirato ventilation is	bry protection un provided or exp es are within red	nless adequate local e posure assessment de	emonstrates
Respi Fil	iratory protection	oment : :	: Use respirato ventilation is that exposure	bry protection un provided or exp es are within red	nless adequate local e posure assessment de	emonstrates
Respi Fil Hand	iratory protection	oment : :	Use respirato ventilation is that exposure Particulates t	bry protection un provided or exp es are within red ype	nless adequate local e posure assessment de	emonstrates e guidelines.
Respi Fil Hand Re	ter type protection	oment : : :	Use respirato ventilation is that exposure Particulates t Wash hands	bry protection un provided or exp es are within red ype before breaks a owing personal	nless adequate local o oosure assessment de commended exposure	emonstrates e guidelines. «day.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Grease
Colour	:	white to off-white
Odour	:	slight
Odour Threshold	:	No data available
рН	:	Not applicable
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	Not applicable
Flash point	:	> 101.1 °C Method: closed cup
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not classified as a flammability hazard

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Self-ignition		:		mixture is not classified as pyrophoric. The ture is not classified as self heating.	
	Upper explosion limit		:	No data available	9
	Lower explosion limit		:	No data available	9
	Vapou	r pressure	:	Not applicable	
	Relativ	e vapour density	:	No data available	9
	Relativ	e density	:	1.1	
	Solubil Wa	ity(ies) ter solubility	:	No data available	9
	Partitio octano	n coefficient: n- I/water	:	No data available	9
	Auto-ig	nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscos Visc	ity cosity, dynamic	:	Not applicable	
	Explos	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Molecu	ılar weight	:	No data available	9

#### SECTION 10. STABILITY AND REACTIVITY

:	Not classified as a reactivity hazard.
:	Stable under normal conditions.
:	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures.
:	None known.
:	Oxidizing agents
	:

### Hazardous decomposition products

Thermal decomposition	:	Benzene
		Formaldehyde



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SECTION	11. TOXICOLOGICAL	INF	ORMATION		
Expo	Exposure routes		Skin contact Ingestion Eye contact		
Not c	e toxicity lassified based on avai ponents:	lable	information.		
	um stearate:				
	e oral toxicity	:	LD50 (Rat): > 5,0	00 mg/kg	
Acute	e dermal toxicity	:	toxicity		

#### Skin corrosion/irritation

Not classified based on available information.

#### Components:

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#### Lithium stearate:

Species: Rabbit Result: No skin irritation Remarks: Based on data from similar materials

#### Serious eye damage/eye irritation

Not classified based on available information.

#### **Components:**

#### Lithium stearate:

Species: Rabbit Result: No eye irritation Method: OECD Test Guideline 405 Remarks: Based on data from similar materials

#### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Components:**

#### Lithium stearate:

Test Type: Local lymph node assay (LLNA) Exposure routes: Skin contact



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Metho	es: Mouse d: OECD Test Guide : negative	line 429	
Chron	ic toxicity		
	<b>cell mutagenicity</b> assified based on ava	ailable information.	
<u>Comp</u>	onents:		
Lithiu	m stearate:		
Genote	oxicity in vitro	Method: OEC Result: negati	cterial reverse mutation assay (AMES) D Test Guideline 471 ve sed on data from similar materials
	ogenicity		
	assified based on ava	ailable information.	
<u>Comp</u>	onents:		
	m stearate:		
Applica Expos Result	es: Mouse ation Route: Skin cor ure time: 104 weeks : negative :ks: Based on data fr		
Repro	ductive toxicity		
Not cla	assified based on ava	ailable information.	
<u>Comp</u>	onents:		
Lithiu	m stearate:		
Effects	s on fertility	reproduction/c Species: Rat Application Ro Result: negati	mbined repeated dose toxicity study with the developmental toxicity screening test oute: Skin contact ve sed on data from similar materials
Effects ment	s on foetal develop-	reproduction/c Species: Rat Application Ro Result: negati	ombined repeated dose toxicity study with the developmental toxicity screening test oute: Skin contact ve sed on data from similar materials

## STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.



sion	Revision Date: 07.10.2016	SDS Number: 680987-00006	Date of last issue: 09.04.2016 Date of first issue: 28.10.2014
Repe	ated dose toxicity		
<u>Comp</u>	oonents:		
Lithiu	ım stearate:		
	es: Rat		
	EL: 88 mg/kg ation Route: Ingestion		
	sure time: 90 Days		
Rema	irks: Based on data from	similar materials	
	es: Rat		
	EL: 1,089.75 mg/kg cation Route: Skin contac	ot	
	sure time: > 43 Days		
	irks: Based on data from	similar materials	
Asnir	ation toxicity		
-	assified based on availa	hle information	
1101 01			
	12. ECOLOGICAL INFO		
Ecoto			
Ecoto <u>Comp</u> Lithiu	oxicity oonents: im stearate:		
Ecoto <u>Comp</u> Lithiu	oxicity oonents:	: LL50 (Oncorhy	nchus mykiss (rainbow trout)): > 100 mg/l
Ecoto <u>Comp</u> Lithiu	oxicity oonents: im stearate:	: LL50 (Oncorhy Exposure time:	96 h
Ecoto <u>Comp</u> Lithiu	oxicity oonents: im stearate:	: LL50 (Oncorhy Exposure time: Test substance Method: OECD	96 h e: Water Accommodated Fraction 9 Test Guideline 203
Ecoto <u>Comp</u> Lithiu	oxicity oonents: im stearate:	: LL50 (Oncorhy Exposure time: Test substance Method: OECD	96 h e: Water Accommodated Fraction
Ecoto Comp Lithiu Toxici	<b>oxicity</b> <u>oonents:</u> <b>Im stearate:</b> Ity to fish	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia)</li> </ul>	96 h e: Water Accommodated Fraction 9 Test Guideline 203 ed on data from similar materials a magna (Water flea)): > 100 mg/l
Ecoto Comp Lithiu Toxici	oxicity oonents: im stearate: ity to fish	<ul> <li>: LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>: EC50 (Daphnia Exposure time:</li> </ul>	96 h e: Water Accommodated Fraction o Test Guideline 203 ed on data from similar materials a magna (Water flea)): > 100 mg/l 48 h
Ecoto Comp Lithiu Toxici	<b>oxicity</b> <u>oonents:</u> <b>Im stearate:</b> Ity to fish	<ul> <li>: LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>: EC50 (Daphnia Exposure time: Test substance</li> </ul>	96 h e: Water Accommodated Fraction 9 Test Guideline 203 ed on data from similar materials a magna (Water flea)): > 100 mg/l
Ecoto Comp Lithiu Toxici	<b>oxicity</b> <u>oonents:</u> <b>Im stearate:</b> Ity to fish	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECD</li> </ul>	96 h e: Water Accommodated Fraction o Test Guideline 203 ed on data from similar materials a magna (Water flea)): > 100 mg/l 48 h e: Water Accommodated Fraction
Ecoto Comp Lithiu Toxici Toxici aquat	<b>oxicity</b> <u>oonents:</u> <b>Im stearate:</b> Ity to fish	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Pseudo</li> </ul>	96 h e: Water Accommodated Fraction 9 Test Guideline 203 ed on data from similar materials a magna (Water flea)): > 100 mg/l 48 h e: Water Accommodated Fraction 9 Test Guideline 202 ed on data from similar materials
Ecoto Comp Lithiu Toxici Toxici aquat	<b>exicity</b> <b>conents:</b> <b>im stearate:</b> ity to fish ity to daphnia and other ic invertebrates	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Pseudo mg/l</li> </ul>	<ul> <li>96 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 203</li> <li>ed on data from similar materials</li> <li>a magna (Water flea)): &gt; 100 mg/l</li> <li>48 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 202</li> <li>ed on data from similar materials</li> <li>kirchneriella subcapitata (green algae)): &gt; 10</li> </ul>
Ecoto Comp Lithiu Toxici Toxici aquat	<b>exicity</b> <b>conents:</b> <b>im stearate:</b> ity to fish ity to daphnia and other ic invertebrates	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Pseudo mg/l Exposure time:</li> </ul>	<ul> <li>96 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 203</li> <li>ed on data from similar materials</li> <li>a magna (Water flea)): &gt; 100 mg/l</li> <li>48 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 202</li> <li>ed on data from similar materials</li> <li>kirchneriella subcapitata (green algae)): &gt; 10</li> </ul>
Ecoto Comp Lithiu Toxici Toxici aquat	<b>exicity</b> <b>conents:</b> <b>im stearate:</b> ity to fish ity to daphnia and other ic invertebrates	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Pseudo mg/l Exposure time: Test substance Method: OECD</li> </ul>	<ul> <li>96 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 203</li> <li>ed on data from similar materials</li> <li>a magna (Water flea)): &gt; 100 mg/l</li> <li>48 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 202</li> <li>ed on data from similar materials</li> <li>kirchneriella subcapitata (green algae)): &gt; 10</li> <li>72 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 201</li> </ul>
Ecoto Comp Lithiu Toxici Toxici aquat	<b>exicity</b> <b>conents:</b> <b>im stearate:</b> ity to fish ity to daphnia and other ic invertebrates	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Pseudo mg/l Exposure time: Test substance Method: OECD</li> </ul>	<ul> <li>96 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 203</li> <li>ed on data from similar materials</li> <li>a magna (Water flea)): &gt; 100 mg/l</li> <li>48 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 202</li> <li>ed on data from similar materials</li> <li>kirchneriella subcapitata (green algae)): &gt; 10</li> <li>72 h</li> <li>Water Accommodated Fraction</li> </ul>
Ecoto Comp Lithiu Toxici aquat	<b>exicity</b> <b>conents:</b> <b>im stearate:</b> ity to fish ity to daphnia and other ic invertebrates	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECE Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECE Remarks: Base</li> <li>EC50 (Pseudo mg/l Exposure time: Test substance Method: OECE Remarks: Base</li> <li>MOEC: 13 mg/</li> </ul>	<ul> <li>96 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 203</li> <li>ed on data from similar materials</li> <li>a magna (Water flea)): &gt; 100 mg/l</li> <li>48 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 202</li> <li>ed on data from similar materials</li> <li>kirchneriella subcapitata (green algae)): &gt; 10</li> <li>72 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 201</li> <li>ed on data from similar materials</li> </ul>
Ecoto Comp Lithiu Toxici aquat	oxicity oonents: im stearate: ity to fish ity to daphnia and other ic invertebrates	<ul> <li>LL50 (Oncorhy Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Daphnia Exposure time: Test substance Method: OECD Remarks: Base</li> <li>EC50 (Pseudo mg/l Exposure time: Test substance Method: OECD Remarks: Base</li> <li>NOEC: 13 mg/ Exposure time:</li> </ul>	<ul> <li>96 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 203</li> <li>ed on data from similar materials</li> <li>a magna (Water flea)): &gt; 100 mg/l</li> <li>48 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 202</li> <li>ed on data from similar materials</li> <li>kirchneriella subcapitata (green algae)): &gt; 10</li> <li>72 h</li> <li>Water Accommodated Fraction</li> <li>Test Guideline 201</li> <li>ed on data from similar materials</li> </ul>

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Persi	stence and degrada	bility		
<u>Com</u>	ponents:			
Lithiu	um stearate:			
Biode	egradability	Biodegradation Exposure time Method: OECE		
Bioad	ccumulative potentia	al		
<u>Com</u>	ponents:			
Lithiu	um stearate:			
Bioac	cumulation		on factor (BCF): 0.12 ed on data from similar materials	
Mobi	lity in soil			
No da	ata available			
Othe	r adverse effects			
	ata available			

Waste from residues	:	Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

#### **SECTION 14. TRANSPORT INFORMATION**

#### **International Regulations**

**UNRTDG** Not regulated as a dangerous good

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable for product as supplied.

### National Regulations

ADG



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Not re	egulated as a dangerou	is go	bd	
SECTION	15. REGULATORY IN	FOR	MATION	
Safet ture	y, health and environ	ment	al regulations/le	gislation specific for the substance or mix-
Prohi	bition/Licensing Requir	emer	nts	: There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.
The c	components of this pr	oduc	t are reported in	the following inventories:
NZIO	C	:	All ingredients lis	sted or exempt.
REAC	СН	:	ents are currentl Please refer to s chases from nor	om Dow Corning EU legal entities, all ingredi- y pre/registered or exempt under REACH. ection 1 for recommended uses. For pur- EU Dow Corning legal entities with the inten- EEA please contact your DC representa-
TSCA	Ą	:		stances in this product are either listed on the or are in compliance with a TSCA Inventory
PICC	S	:	All ingredients lis	sted or exempt.
KECI		:	All ingredients lis	sted, exempt or notified.
ENCS	S/ISHL	:	All components inventory listing.	are listed on ENCS/ISHL or exempted from
IECS	с	:	All ingredients lis	sted or exempt.
AICS		:	All ingredients lis	sted or exempt.
DSL		:	1999 and NSNR	stances in this product comply with the CEPA and are on or exempt from listing on the stic Substances List (DSL).
TCSI		:	All ingredients lis	sted or exempt.

## **SECTION 16. OTHER INFORMATION**

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 Agency, http://echa.europa.eu/



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

Date format

dd.mm.yyyy

#### Full text of other abbreviations

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

AICS - Australian Inventory of Chemical Substances; 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; CPR - Controlled Products Regulations; 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 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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