

Imidocarb Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 2024/04/06
7.0	2024/09/28	7677565-00012	Date of first issue: 2020/12/15

1. PRODUCT AND COMPANY IDENTIFICATION

Chemical product name	:	Imidocarb Formulation
Supplier's company name, ac Company name of supplier		ess and phone number MSD
Address		Kumagaya, Saitama Prefecture , Xicheng 810 MSD Co., Ltd.
	•	Menuma factory
Telephone	:	048-588-8411
E-mail address	:	EHSDATASTEWARD@msd.com
Emergency telephone number	:	+1-908-423-6000

Recommended use of the chemical and restrictions on use

Recommended use	:	Veterinary product
Restrictions on use	:	Not applicable

2. HAZARDS IDENTIFICATION

	GHS classification of chemical product Reproductive toxicity : Category 2				
Specific target organ toxicity - single exposure (Oral)	:	Category 2 (Central nervous system)			
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Liver, Kidney)			
GHS label elements					
Hazard pictograms	:				
Signal word	:	Warning			
Hazard statements	:	H361d Suspected of damaging the unborn child.H371 May cause damage to organs (Central nervous system) if swallowed.H373 May cause damage to organs (Liver, Kidney) through prolonged or repeated exposure if swallowed.			
Precautionary statements	:	Prevention:			



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		P202 Do not h and understoo P260 Do not b P264 Wash sk P270 Do not e	reathe mist or vapours. in thoroughly after handling. at, drink or smoke when using this product. otective gloves/ protective clothing/ eye protec-			
		Response: P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.				
		Storage:				

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)	ENCS No.
Propylene glycol	57-55-6	>= 30 - < 40	2-234
imidocarb	27885-92-3	>= 3 - < 10	_
Innocarb	21000 02 0		

4. FIRST AID MEASURES

General advice	 In the case of accident or if you feel unwell, seek medical a vice immediately. When symptoms persist or in all cases of doubt seek medic 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 ple of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. 	∍nty
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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and delay	important symptoms effects, both acute and yed ection of first-aiders s to physician	:	Never give anythi Suspected of dan May cause dama exposure if swallo First Aid responde and use the recor when the potentia	bughly with water. ng by mouth to an unconscious person. haging the unborn child. ge to organs if swallowed. ge to organs through prolonged or repeated wed. ers should pay attention to self-protection, nmended personal protective equipment al for exposure exists (see section 8). cally and supportively.
5. FIREFI	GHTING MEASURES			
Suita	ble extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical	
Unsu medi	iitable extinguishing a	:	None known.	
Spec fighti	ific hazards during fire- ng	:	Exposure to com	pustion products may be a hazard to health.
Haza ucts	ardous combustion prod-	:	Carbon oxides	
Spec ods	ific extinguishing meth-	:	cumstances and t Use water spray t	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
	sial protective equipment refighters	:		e, wear self-contained breathing apparatus. tective equipment.
6. ACCID	ENTAL RELEASE MEAS	SUF	RES	

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal pro- tective equipment 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.



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Methods and materials for containment and cleaning up		:	 Soak up with inert absorbent material. For large spills, provide dyking or other appropriate c ment to keep material from spreading. If dyked mater be pumped, store recovered material in appropriate c Clean up remaining materials from spill with suitable bent. Local or national regulations may apply to releases a posal of this material, as well as those materials and employed in the cleanup of releases. You will need to mine which regulations are applicable. Sections 13 and 15 of this SDS provide information re- certain local or national requirements. 		
7. HANDL	ING AND STORAGE				
Hone	dlina				
Hand	nical measures				
rech	mical measures	•		measures under EXPOSURE SONAL PROTECTION section.	
Loca	I/Total ventilation	:	Use only with ade		
Avoid	dance of contact ene measures	:	Wash skin thorou Handle in accorda practice, based o sessment Do not eat, drink Take care to prev environment. Oxidizing agents If exposure to che flushing systems place. When using do no Wash contaminat The effective ope engineering contr appropriate dego	n eyes. or repeated contact with skin. ghly after handling. ance with good industrial hygiene and safety in the results of the workplace exposure as- or smoke when using this product. ent spills, waste and minimize release to the emical is likely during typical use, provide eye and safety showers close to the working of eat, drink or smoke. ed clothing before re-use. ration of a facility should include review of ols, proper personal protective equipment, wning and decontamination procedures, monitoring, medical surveillance and the	
Stora	-				
Conc	litions for safe storage	:	Store locked up.	abelled containers.	
Mate	rials to avoid	:		the following product types:	



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Threshold limit value and permissible exposure limits for each component in the work environment

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Concentra- tion standard / Permissible con- centration	Basis
imidocarb	27885-92-3	TWA	40 µg/m3 (OEB 3)	Internal
		Wipe limit	400 µg/100 cm ²	Internal

Engineering measures	:	Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., drip- less quick connections). All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment. Laboratory operations do not require special containment.
Personal protective equipme	ent	
Respiratory protection	:	If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection. Particulates type
Hand protection Material	:	Chemical-resistant gloves
Eye protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Skin and body protection	:	Work uniform or laboratory coat.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: liquid
Colour	: Colorless to pale yellow
Odour	: No data available
Odour Threshold	: No data available
Melting point/freezing point	: No data available
Boiling point, initial boiling point and boiling range	: No data available



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	Flamm	ability (solid, gas)	:	Not applicable	
	Flamm	ability (liquids)	:	No data available	9
	Upp	explosion limit and upp per explosion limit / Up- flammability limit			
		ver explosion limit / ver flammability limit	:	No data available	9
	Flash p	point	:	No data available	9
	Decom	position temperature	:	No data available	9
	рН		:	4.0 - 5.5	
	Evapor	ration rate	:	No data available	9
	Auto-ig	nition temperature	:	No data available	9
	Viscosi Visc	ity cosity, kinematic	÷	No data available	9
	Solubil Wat	ity(ies) ter solubility	:	No data available	9
	Partitio octano	n coefficient: n- I/water	:	Not applicable	
	Vapou	r pressure	:	No data available	9
		y and / or relative densi ative density	ity :	No data available	9
	Der	nsity	:	0.900 - 1.100 g/c No data available	
	Relativ	e vapour density	:	No data available	9
	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
		e characteristics ticle size	:	Not applicable	



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Possi tions Condi Incom Hazai produ	ical stability bility of hazardous reac- tions to avoid patible materials dous decomposition cts		Stable under no Can react with s None known. Oxidizing agent No hazardous o	s a reactivity hazard. ormal conditions. strong oxidizing agents. s decomposition products are known.
I. TOXIC	OLOGICAL INFORMAT	101	4	
Inform expos	nation on likely routes of sure	:	Inhalation Skin contact Ingestion Eye contact	
	e toxicity assified based on availa	ble	information.	
<u>Produ</u> Acute	<u>uct:</u> oral toxicity	:	Acute toxicity es Method: Calcula	timate: > 2,000 mg/kg tion method
<u>Comp</u>	oonents:			
Propy	/lene glycol:			
Acute	oral toxicity	:	LD50 (Rat): 22,0	000 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 44 Exposure time: 4 Test atmosphere	4 h
Acute	dermal toxicity	:	LD50 (Rabbit): > Assessment: Th toxicity	 2,000 mg/kg substance or mixture has no acute dermal
imido	carb:			
Acute	oral toxicity	:	LD50 (Rat): 1,21	6 - 1,652 mg/kg
			LD50 (Mouse): 5	544 - 702 mg/kg
			LD50 (Rabbit): 3	17 mg/kg
		:	Remarks: No da	ta available
Acute	inhalation toxicity			
	inhalation toxicity dermal toxicity	:	Remarks: No da	ta available
Acute Acute		:		′ mg/kg



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		Application Rou	ite: Intravenous
	corrosion/irritation		
	lassified based on ava conents:	ailable information.	
	ylene glycol:		
Speci		: Rabbit	
Metho		: OECD Test Gu	
Resu	It	: No skin irritation	٦
	ocarb:		
Rema	arks	: No data availat	Ne
	us eye damage/eye lassified based on ava		
<u>Com</u>	oonents:		
Propy	ylene glycol:		
Speci	es	: Rabbit	
Resu		: No eye irritation	
Metho	Ju	: OECD Test Gu	
imido	ocarb:		
Rema	arks	: No data availab	le
Resp	iratory or skin sens	itisation	
Skin	iratory or skin sensi sensitisation lassified based on ava		
Skin Not cl Resp	sensitisation lassified based on ava iratory sensitisation	ailable information.	
Skin s Not cl Resp Not cl	sensitisation lassified based on ava iratory sensitisation lassified based on ava	ailable information.	
Skin Not cl Resp Not cl <u>Com</u>	sensitisation lassified based on avainatory sensitisation lassified based on avainatory conents:	ailable information.	
Skin Not cl Resp Not cl <u>Comp</u>	sensitisation lassified based on avaint iratory sensitisation lassified based on avaint conents: ylene glycol:	ailable information. ailable information.	
Skin : Not cl Resp Not cl <u>Comp</u> Propy	sensitisation lassified based on avaint iratory sensitisation lassified based on avaint conents: ylene glycol: Type	ailable information. ailable information. : Maximisation T	est
Skin : Not cl Resp Not cl <u>Comp</u> Propy	sensitisation lassified based on avaint iratory sensitisation lassified based on avaint conents: ylene glycol: Type sure routes	ailable information. ailable information.	est
Skin : Not cl Resp Not cl <u>Comp</u> Propy Test T Expos	sensitisation lassified based on avaination lassified based on ava	ailable information. ailable information. : Maximisation T : Skin contact	est
Skin Not cl Resp Not cl Comp Propy Test Expos Speci Resul	sensitisation lassified based on avaination lassified based on ava	ailable information. ailable information. : Maximisation T : Skin contact : Guinea pig	est

Not classified based on available information.



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Com	ponents:	
Prop	ylene glycol:	
Geno	toxicity in vitro	: Test Type: Bacterial reverse mutation assay (AMES) Result: negative
		Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative
Geno	toxicity in vivo	 Test Type: Mammalian erythrocyte micronucleus test (in viv cytogenetic assay) Species: Mouse Application Route: Intraperitoneal injection Result: negative
		Result hogenve
	ocarb:	
Geno	toxicity in vitro	: Test Type: Bacterial reverse mutation assay (AMES) Result: negative
		Test Type: In vitro mammalian cell gene mutation test Result: negative
		Test Type: Chromosome aberration test in vitro Result: equivocal
Geno	toxicity in vivo	: Test Type: Mammalian erythrocyte micronucleus test (in viv cytogenetic assay) Species: Rat Application Route: Oral
		Result: negative
		Test Type: Mammalian erythrocyte micronucleus test (in viv cytogenetic assay) Species: Mouse Application Route: Oral Result: negative
		Result negative
Carci	inogenicity	
Not c	lassified based on av	ailable information.
<u>Com</u>	ponents:	
Prop	ylene glycol:	
Speci		: Rat
Appli	cation Route	: Ingestion
	sure time	: 2 Years
Resu	It	: negative
imido	ocarb:	
Speci	ies	: Rat
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ersion .0	Revision Date: 2024/09/28	SDS Number: 7677565-00012	Date of last issue: 2024/04/06 Date of first issue: 2020/12/15
Expos LOAE Result	t t Organs	: Oral : 104 weeks : 240 mg/kg be : negative : Mammary gla : The mechani humans.	
	eductive toxicity	unborn child.	
<u>Comp</u>	onents:		
	r lene glycol: s on fertility	Species: Mor	Route: Ingestion
Effects ment	s on foetal develop-	Species: Mor	Route: Ingestion
II imido	carb:		
	s on fertility	Species: Rat Application F Fertility: LOA	
		Species: Rat Application R	
Effects ment	s on foetal develop-	Species: Rat Application R Developmen	
		Species: Rat Application R	
		Species: Rat Application R	



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I			Result: No effects	s on foetal development
Repr	oductive toxicity - As- ment	:	Some evidence o animal experimer	f adverse effects on development, based on nts.
	T - single exposure cause damage to organ	s (C	entral nervous syst	em) if swallowed.
-	ponents:			
imide	ocarb:			
	et Organs ssment	:	Central nervous s Causes damage	•
		s (Li	ver, Kidney) throug	h prolonged or repeated exposure if swal-
<u>Com</u>	ponents:			
imid	ocarb:			
-	et Organs ssment	:	Liver, Kidney Causes damage exposure.	to organs through prolonged or repeated
Repe	eated dose toxicity			
	ponents:			
	ylene glycol:		Det mele	
Spec NOA	EL	:	Rat, male >= 1,700 mg/kg	
	cation Route sure time	:	Ingestion 2 yr	
imide	ocarb:			
Spec		:	Rat	
LOAI Appli	=L cation Route	÷	125 mg/kg Oral	
Expo	sure time et Organs	:	90 Days Liver	
Spec		:	Rat	
NOA LOAI		:	76 mg/kg 415 mg/kg	
Appli	cation Route	:	Oral	
	sure time et Organs	:	90 Days Liver	
Spec LOAI	ies EL	:	Dog 5 mg/kg	



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Expo	cation Route sure time et Organs otoms	:	Oral 90 Days Liver, Kidney muscle twitchir	g, Salivation, recumbency, ataxia, splayed legs
Expo	EL	:	Rat 15 mg/kg 60 mg/kg Oral 104 Weeks Liver, Kidney, B	Blood
Speci NOAI Applie Expos Rema	EL cation Route sure time	:	Monkey 5 mg/kg Oral 30 Days No significant a	dverse effects were reported
-	ration toxicity			
	lassified based on availa			
-	rience with human exp ponents:	υσι	ne	
	ponents. pcarb:			
Inhala		:	Symptoms: Sal mation, ataxia,	Central nervous system ivation, muscle twitching, Tremors, Lachry- lethargy ed on Animal Evidence
12. ECOL	OGICAL INFORMATION	١		
Ecote	oxicity			
Com	ponents:			
Prop	ylene glycol:			
Toxic	ity to fish	:	LC50 (Oncorhy Exposure time:	nchus mykiss (rainbow trout)): 40,613 mg/l 96 h
	ity to daphnia and other tic invertebrates	:	EC50 (Cerioda Exposure time:	phnia dubia (water flea)): 18,340 mg/l 48 h
Toxic plants	ity to algae/aquatic s	:	Exposure time:	nema costatum (marine diatom)): 19,300 mg/l 72 h Test Guideline 201
	ity to daphnia and other tic invertebrates (Chron- icity)	:	NOEC (Cerioda Exposure time:	aphnia dubia (water flea)): 13,020 mg/l 7 d



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Toxic	ity to microorganisms	:	NOEC (Pseudo Exposure time:	monas putida): > 20,000 mg/l 18 h	
Persi	istence and degradabi	ility			
Com	ponents:				
Prop	ylene glycol:				
	egradability	:	Result: Readily Biodegradation: Exposure time: Method: OECD	98.3 %	
Bioa	ccumulative potential				
<u>Com</u>	ponents:				
Prop	ylene glycol:				
Partit	ion coefficient: n- ol/water	:	log Pow: -1.07 Method: Regula	ation (EC) No. 440/2008, Annex, A.8	
imide	ocarb:				
	ion coefficient: n- ol/water	:	log Pow: 3.88		
	lity in soil ata available				
	rdous to the ozone lay	yer			
Othe	r adverse effects				
No da	ata available				
3. DISPO	SAL CONSIDERATIO	NS			
Disp	osal methods				
-	e from residues	:	Dispose of in ac	ccordance with local regulations.	
Conta	aminated packaging	:	 Dispose of in accordance with local regulations. Do not dispose of waste into sewer. Empty containers should be taken to an approved was dling site for recycling or disposal. If not otherwise specified: Dispose of as unused production 		
4. TRAN	SPORT INFORMATIO	N			
Inter	national Descriptions				
	national Regulations				
UNR	TDG		Not oppliaable		



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Packin Labels	iary risk g group nmentally hazardous	: : :	Not applicable Not applicable Not applicable no	
Class Subsid Packin Labels Packin aircraft	No. shipping name liary risk g group g instruction (cargo) g instruction (passen-		Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable	
Class Subsid Packin Labels EmS C	mber shipping name liary risk g group		Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable	

National Regulations

Refer to section 15 for specific national regulation.

Special precautions for user

Not applicable

15. REGULATORY INFORMATION

Related Regulations

Fire Service Law

Not applicable to dangerous materials / designated flammables.

Chemical Substance Control Law

Priority Assessment Chemical Substance

Chemical name	Number
Propane-1,2-diol	106

Industrial Safety and Health Law

Harmful Substances Prohibited from Manufacture

Not applicable



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Harmful Substances Required Permission for Manufacture Not applicable					
Substances Prevented From Impairment of Health Not applicable					
Circular concerning Information on Chemicals having Mutagenicity - Annex 2: Information on Existing Chemicals having Mutagenicity					

Not applicable

Circular concerning Information on Chemicals having Mutagenicity - Annex 1: Information on Notified Substances having Mutagenicity

Not applicable

Substances Subject to be Notified Names

Article 57-2 (Enforcement Order Table 9)

Chemical name	Concentration (%)	Remarks
Propylene glycol	>=30 - <40	From April 1st, 2025

Substances Subject to be Indicated Names

Article 57 (Enforcement Order Article 18)

Chemical name	Remarks
Propylene glycol	From April 1st, 2025

Skin and Eye Damage Substances for PPE Requirements (ISHL MO Art. 594-2) Not applicable

Carcinogenic Substances (Article 577-2 of the Occupational Health and Safety Regulations)

Not applicable

Ordinance on Prevention of Hazards Due to Specified Chemical Substances

Not applicable

Ordinance on Prevention of Lead Poisoning

Not applicable

Ordinance on Prevention of Tetraalkyl Lead Poisoning

Not applicable

Ordinance on Prevention of Organic Solvent Poisoning

Not applicable

Enforcement Order of the Industrial Safety and Health Law - Attached table 1 (Dangerous Substances)

Not applicable

Poisonous and Deleterious Substances Control Law

Not applicable

Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof Not applicable



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-	Pressure Gas Safety Applicable	Act			
-	osive Control Law				
	el Safety Law egulated as a dangerou:	s good			
	Aviation Law Not regulated as a dangerous good				
Mari	Marine Pollution and Sea Disaster Prevention etc Law				
Bulk	transportation	: Not classified	as noxious liquid substance		
Pack	transportation	: Not classified	as marine pollutant		
Narc	Narcotics and Psychotropics Control Act				
	Narcotic or Psychotropic Raw Material (Export / Import Permission)				
Spec	Not applicable Specific Narcotic or Psychotropic Raw Material (Export / Import permission) Not applicable				
	Waste Disposal and Public Cleansing Law Industrial waste				
The	The components of this product are reported in the following inventories:				
DSL	-	: not determine			
AICS		: not determine	d		
IECS	С	: not determine	d		

16. OTHER INFORMATION

In this SDS, if the concentration of substances subject to notification under the Industrial Safety and Health Law is indicated as a range, it includes cases where it is a trade secret.

Further information

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

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

Date format

: yyyy/mm/dd

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.

JP / EN