according to GB/T 16483 and GB/T 17519



### NPS-5

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1. PI	RODUC	T AND COMPANY IDI	ENTI	FICATION	
	Product	name	:	NPS-5	
	Chemic	al nature	:	Persulphate Solid	
	Manufa	cturer or supplier's d	letai	ls	
	Compar	ıy	:	United Initiators (	Shanghai) Co., Ltd
	Address	5	:	Room 501, Bldg. Shanghai, China,	1, No. 1 Shangda Road 200444
	Telepho	ne	:	+86 21 61172758	
	Emerge	ncy telephone number	:	+86 21 61172758	
	E-mail a	address	:	cs-initiators.cn@	united-in.com
		mended use of the ch nended use	nemi :	<b>cal and restrictio</b> Oxidizing agents polymerisation in	

### 2. HAZARDS IDENTIFICATION

### **Emergency Overview**

Appearance Colour Odour		solid white not significant	
May intensify fire; oxidizer. Harmful if swallowed. Causes skin and eye irritation. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness.			
GHS Classification			
Oxidizing solids	:	Category 3	
Acute toxicity (Oral)	:	Category 4	
Skin corrosion/irritation	:	Category 2	
Serious eye damage/eye irri- tation	:	Category 2B	
Respiratory sensitisation	:	Category 1	
Skin sensitisation	:	Category 1	

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•	fic target organ toxicit	y - : Category 3 (re	espiratory tract irritation, Narcotic effects)
GHS	label elements		
Hazaı	rd pictograms		
Signa	l word	: Danger	• •
Hazaı	rd statements	H302 Harmful H315 + H320 H317 May car H334 May car difficulties if in H335 May car	Causes skin and eye irritation. use an allergic skin reaction. use allergy or asthma symptoms or breathing
Preca	utionary statements	· Prevention:	
		P220 Keep/ S P221 Take an P261 Avoid b P264 Wash s P270 Do not o P271 Use only P272 Contam the workplace P280 Wear pr	kin thoroughly after handling. eat, drink or smoke when using this product. y outdoors or in a well-ventilated area. inated work clothing should not be allowed out
		Response:	
		CENTER/ doc P302 + P352 P304 + P340 and keep com doctor if you f P305 + P351 for several mi easy to do. Co P333 + P313 vice/ attention P337 + P313 tention.	<ul> <li>+ P338 IF IN EYES: Rinse cautiously with water nutes. Remove contact lenses, if present and portinue rinsing.</li> <li>If skin irritation or rash occurs: Get medical ad .</li> <li>If eye irritation persists: Get medical advice/ at If experiencing respiratory symptoms: Call a</li> </ul>

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P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

#### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Physical and chemical hazards

May intensify fire; oxidizer.

### Health hazards

Harmful if swallowed. Causes skin irritation. Causes eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. May cause drowsiness or dizziness.

#### **Environmental hazards**

Not classified based on available information.

### 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)
Disodium peroxodisulphate	7775-27-1	>= 95 -<= 100

#### 4. FIRST AID MEASURES

General advice	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended. Symptoms of poisoning may appear several hours later. Call a physician immediately.
lf inhaled	<ul> <li>Call a physician or poison control centre immediately.</li> <li>If unconscious, place in recovery position and seek medical advice.</li> <li>Keep respiratory tract clear.</li> <li>If breathed in, move person into fresh air.</li> </ul>

according to GB/T 16483 and GB/T 17519

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In ca	ase of skin contact	:	for at least 15 mi and shoes. Wash contaminat If on skin, rinse w If on clothes, rem	
In ca	ase of eye contact	:	of water and seel Remove contact Protect unharmed Keep eye wide op	lenses. d eye.
lf sw	allowed	:	Keep respiratory Call a physician i Rinse mouth thor	
	t important symptoms effects, both acute and yed	:	May cause allerg ties if inhaled. May cause respir	eye irritation. ergic skin reaction. y or asthma symptoms or breathing difficul-
Prote	ection of first-aiders	:		ers should pay attention to self-protection mmended protective clothing
Note	s to physician	:	Treat symptomat	ically and supportively.

### 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray jet Foam
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire- fighting	:	Contact with incompatible materials or exposure to tempera- tures exceeding SADT may result in a self-accelerating de- composition reaction with release of flammable vapors which may auto-ignite. Cool closed containers exposed to fire with water spray.
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. Use extinguishing measures that are appropriate to local cir-

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			cumstances and	the surrounding environment.
			Do not use a solio fire.	d water stream as it may scatter and spread
			Remove undamag	ged containers from fire area if it is safe to do
			Use water spray	o cool unopened containers. down) gases/vapours/mists with a water
	pecial protective equipment r firefighters	:	essary.	ed breathing apparatus for firefighting if nec-

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	<ul> <li>Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Remove all sources of ignition. Follow safe handling advice and personal protective equipment recommendations.</li> </ul>
Environmental precautions	<ul> <li>Prevent product from entering drains.</li> <li>Prevent further leakage or spillage if safe to do so.</li> <li>If the product contaminates rivers and lakes or drains inform respective authorities.</li> </ul>
Methods and materials for containment and cleaning up	<ul> <li>Contact with incompatible substances can cause decomposition at or below SADT.</li> <li>Clear spills immediately.</li> <li>Suppress (knock down) gases/vapours/mists with a water spray jet.</li> <li>To clean the floor and all objects contaminated by this material, use plenty of water.</li> <li>Soak up with inert absorbent material.</li> <li>Isolate waste and do not reuse.</li> <li>Non-sparking tools should be used.</li> <li>Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.</li> </ul>
Prevention of secondary hazards	<ul> <li>Never return spills in original containers for re-use.</li> <li>Treat recovered material as described in the section "Disposal considerations".</li> </ul>

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### 7. HANDLING AND STORAGE

Handling Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Advice on protection against fire and explosion	:	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from combustible material.
Advice on safe handling	:	Do not swallow. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Take precautionary measures against static discharges. Never return any product to the container from which it was originally removed. Provide sufficient air exchange and/or exhaust in work rooms. Avoid confinement. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Smoking, eating and drinking should be prohibited in the ap- plication area. Wash thoroughly after handling. For personal protection see section 8. 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. Protect from contamination. Protect from moisture.
Avoidance of contact	:	Accelerators, strong acids and bases, heavy metals and heavy metal salts, reducing agents
Storage		
Conditions for safe storage	:	<ul> <li>Avoid impurities (e.g. rust, dust, ash), risk of decomposition.</li> <li>Electrical installations / working materials must comply with the technological safety standards.</li> <li>Containers which are opened must be carefully resealed and kept upright to prevent leakage.</li> <li>Store in original container.</li> <li>Keep containers tightly closed in a cool, well-ventilated place.</li> <li>Keep in a dry place.</li> <li>Store in accordance with the particular national regulations.</li> </ul>
Materials to avoid	:	Keep away from strong acids, bases, heavy metal salts and other reducing substances.



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	Recom peratur	mended storage tem- e	:	< 30 °C				
Further information on stor- age stability				No decomposi	tion if store	ed nor	mally.	
8. EXPOSURE CONTROLS/PERS								
	Compo	nents		CAS-No.	Value typ (Form of exposure)		Control parame- ters / Permissible concentration	Basis
	Disodiu	um peroxodisulphate		7775-27-1	TŴA		0.1 mg/m3 (Persulphate)	ACGIH
	Engineering measures			Minimize work	place expo	osure o	concentrations.	
Personal protective equipment								
Respiratory protection : In the case of dust or aerosol formation use rapproved filter.					ormation use respira	ator with an		
	Filte	er type	:	Filter type P				

Eye/face protection	:	Tightly fitting safety goggles Please wear suitable protective goggles. Also wear face pro- tection if there is a splash hazard. Ensure that eyewash stations and safety showers are close to the workstation location.
		<b>•</b> • • • • • • • • • • • • • • • • • •

#### Skin and body protection Select appropriate protective clothing based on chemical : resistance data and an assessment of the local exposure potential.

Hand protection		
Material	:	butyl-rubber
Break through time	:	480 min
Glove thickness	:	0.5 mm
Material	:	Nitrile rubber
Break through time	:	480 min
Glove thickness	:	0.4 mm

Remarks The data about break through time/strength of material are : standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove. Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemi-





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			ementioned protective gloves with the glove Wash hands before breaks and at the end of
Hygie	ene measures	When using do When using do	m food and drink. o not eat or drink. o not smoke. efore breaks and immediately after handling

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	solid
Colour	:	white
Odour	:	not significant
Odour Threshold	:	No data available
рН	:	4.5 Concentration: 10 g/l
Melting point/freezing point	:	Decomposition: Decomposes below the melting point.
Initial boiling point and boiling range	:	Not applicable
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Evaporation rate Flammability (solid, gas)	:	Not applicable Not expected to form explosive dust-air mixtures.
		Not expected to form explosive dust-air mixtures.
Flammability (solid, gas) Upper explosion limit / Upper flammability limit		Not expected to form explosive dust-air mixtures.
Flammability (solid, gas) Upper explosion limit / Upper flammability limit Lower explosion limit / Lower	:	Not expected to form explosive dust-air mixtures. No data available
Flammability (solid, gas) Upper explosion limit / Upper flammability limit Lower explosion limit / Lower flammability limit	:	Not expected to form explosive dust-air mixtures. No data available No data available

according to GB/T 16483 and GB/T 17519

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	rtition coefficient: n- anol/water	:	Not applicable	
	If-Accelerating decomposi- n temperature (SADT)	:	temperature at w	H.4 erating Decomposition Temperature. Lowest hich the tested package size will undergo a decomposition reaction.
Vis	scosity Viscosity, dynamic		Not applicable	
		•		
	Viscosity, kinematic	:	Not applicable	
Ex	plosive properties	:	Not explosive	
Ox	idizing properties	:	The substance of category 3.	r mixture is classified as oxidizing with the
10. STA	BILITY AND REACTIVITY	,		
Re	activity	:	Stable under reco	ommended storage conditions.
Ch	emical stability	:	Stable under reco	ommended storage conditions.
Po tior	ssibility of hazardous reac- ns	:		nts of moisture or impurities can noticably ccelerating decomposition temperature
Co	nditions to avoid	:	tion at or below S Even small amou	mpatible substances can cause decomposi- ADT. nts of moisture or impurities can noticably ccelerating decomposition temperature
Inc	ompatible materials	:		ong acids and bases, heavy metals and

# Hazardous decomposition : Irritant, caustic, flammable, noxious/toxic gases and vapours can develop in the case of fire and decomposition

heavy metal salts, reducing agents

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed.

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Com	ponents:			
	-	to .		
	dium peroxodisulpha		DEQ (Dat ma	(a), 740 mg/kg
Acute	e oral toxicity	:	Method: OECI Assessment: single ingestio	ile): 742 mg/kg D Test Guideline 401 The component/mixture is moderately toxic after n. ed on test data
Acute	e inhalation toxicity	:		: 4 h ere: dust/mist D Test Guideline 403 The substance or mixture has no acute inhala-
Acute	e dermal toxicity	:	LD50 (Rat): > Assessment: toxicity Remarks: Exp	The substance or mixture has no acute dermal
	corrosion/irritation es skin irritation.			
Prod	uct:			
Spec	ies	:	Rabbit	
Meth		:	OECD Test G	uideline 404
Resu	llt	:	Skin irritation	
Rema	arks	:	May cause sk	n irritation in susceptible persons.
<u>Com</u>	ponents:			
Diso	dium peroxodisulpha	ite:		
Spec	ies	:	Rabbit	
Meth		:	OECD Test G	uideline 404
Resu	lt	:	Skin irritation	
Serio	ous eye damage/eye	irritati	on	
Caus	es eye irritation.			
Prod	uct:			
Spec		:	Rabbit	
Resu		:	Irritating to eye	
Meth	od	:	OECD Test G	uideline 405
Rema	arks	:	May cause irre	versible eye damage.

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### Components:

#### Disodium peroxodisulphate:

Species	:	Rabbit
Result	:	Irritating to eyes.
Method	:	OECD Test Guideline 405

### Respiratory or skin sensitisation

### Skin sensitisation

May cause an allergic skin reaction.

#### Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### Product:

Remarks

: Causes sensitisation.

#### Components:

#### Disodium peroxodisulphate:

Exposure routes	:	Skin contact
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	May cause sensitisation by skin contact.
		inhalation (dust/mist/fume)
	:	May cause sensitisation by inhalation.

#### Germ cell mutagenicity

Not classified based on available information.

#### Components:

## Disodium peroxodisulphate:

2.00 a.a p 0. 0. 0 a. 0 a. p. a. 0 .	
Genotoxicity in vitro :	Test Type: Bacterial reverse mutation assay (AMES) Result: negative
	Test Type: DNA damage and repair, unscheduled DNA syn- thesis in mammalian cells (in vitro) Result: negative
Genotoxicity in vivo :	Species: Mouse Application Route: Intraperitoneal Method: OECD Test Guideline 474 Result: negative
	Test Type: Unscheduled DNA synthesis (UDS) test with mammalian liver cells in vivo Species: Rat Result: negative

according to GB/T 16483 and GB/T 17519

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### Carcinogenicity

Not classified based on available information.

### Components:

#### Disodium peroxodisulphate:

Species	:	Mouse
Application Route	:	Skin contact
Exposure time	:	52 weeks
Method	:	OECD Test Guideline 451
Result	:	negative
Remarks	:	Based on data from similar materials
	-	

#### **Reproductive toxicity**

Not classified based on available information.

### Components:

#### Disodium peroxodisulphate:

Effects on fertility	: Species: Rat
	Application Route: Ingestion
	General Toxicity - Parent: NOAEL: >= 250 mg/kg body weight
	General Toxicity F1: NOAEL: >= 250 mg/kg body weight
	Method: OECD Test Guideline 421
	Result: negative
	Remarks: Based on data from similar materials

#### STOT - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

### Components:

#### Disodium peroxodisulphate:

Assessment

May cause respiratory irritation.

### STOT - repeated exposure

Not classified based on available information.

### Repeated dose toxicity

#### Components:

### Disodium peroxodisulphate:

Species	:	Rat
NOAEL	:	1,000 mg/kg
LOAEL	:	3,000 mg/kg
Application Route	:	Ingestion
Exposure time	:	90 d
Method	:	OECD Test Guideline 408

:

according to GB/T 16483 and GB/T 17519



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### Aspiration toxicity

Not classified based on available information.

### **Further information**

### Product:

Remarks : No data available

### Components:

Disodium peroxodisulphate:		
Remarks	:	No data available

### 12. ECOLOGICAL INFORMATION

### Ecotoxicity

### Components:

#### Disodium peroxodisulphate:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 163 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 133 mg/l Exposure time: 48 h Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 116 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
		NOEC (Pseudokirchneriella subcapitata (green algae)): < 17.1 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to microorganisms	:	EC10 (Pseudomonas putida): 36 mg/l Exposure time: 18 h Remarks: Based on data from similar materials
Persistence and degradabili No data available	ty	
Bioaccumulative potential		
<u>Components:</u>		

Disodium peroxodisulphate:

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ersion 3	Revision Date: 2022/07/01		lumber: 0000029	Date of last issue: 2020/06/25 Date of first issue: 2018/01/31
	ion coefficient: n- ol/water	: Re	emarks: Not app	blicable
	<b>lity in soil</b> ata available			
Other	r adverse effects			
<u>Produ</u> Additi matio	onal ecological infor-	: No	o data available	
<u>Com</u> p	oonents:			
	lium peroxodisulpha onal ecological infor- n		o data available	
. DISPC	SAL CONSIDERATIO	NS		
Dispo	osal methods			
Wast	e from residues	co Do ca	urses or the so not contamina I or used conta	te ponds, waterways or ditches with chemi-
Conta	minated packaging	Di: Do Do		used product.

### 14. TRANSPORT INFORMATION

### International Regulations

<b>UNRTDG</b> UN number Proper shipping name Class Packing group Labels	: UN 1505 : SODIUM PERSULPHATE : 5.1 : III : 5.1
<b>IATA-DGR</b> UN/ID No. Proper shipping name Class Packing group	: UN 1505 : Sodium persulphate : 5.1 : III

according to GB/T 16483 and GB/T 17519



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	aircraft)	instruction (cargo instruction (passen- raft)	::	Oxidizer 563 559	
	IMDG-C UN num Proper s		:	UN 1505 SODIUM PERSUI	LPHATE
	Class Packing Labels EmS Co Marine		:	5.1 III 5.1 F-A, S-Q no	

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

Not applicable for product as supplied.

### **National Regulations**

<b>GB 6944/12268</b> UN number Proper shipping name Class Packing group Labels	: UN 1505 : SODIUM PERSULPHATE : 5.1 : III : 5.1
---	--

#### 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.

### 15. REGULATORY INFORMATION

•	atory information evention and Control of Occupation	al Diseases
Regulations or	n Safety Management of Hazardous	Chemicals
Catalogue of Ha	azardous Chemicals	: Listed
Identification of No. / Code W9.2	Major Hazard Installations for Hazard Chemical name / Category Oxidising solids and liquids	ous Chemicals (GB 18218) Threshold quantity 200 t
The componer TCSI (TW)	nts of this product are reported in the inventory, of the inventory, of	ne following inventories: or in compliance with the inventory
TSCA (US)	: All substances list	ed as active on the TSCA inventory

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AIIC	; (AU)	: On the inventory, or in compliance	with the inventory
DSI	_ (CA)	: All components of this product are	on the Canadian DSL
ENG	CS (JP)	: On the inventory, or in compliance	with the inventory
ISH	L (JP)	: On the inventory, or in compliance	with the inventory
KE	CI (KR)	: On the inventory, or in compliance	with the inventory
PIC	CS (PH)	: On the inventory, or in compliance	with the inventory
IEC	SC (CN)	: On the inventory, or in compliance	with the inventory
TEC	CI (TH)	: On the inventory, or in compliance	with the inventory

### **16. OTHER INFORMATION**

**Eurther** information

Further mormation		
Other information	s u T	This safety datasheet only contains information relating to afety and does not replace any product information or prod- lict specification. These safety instructions also apply to empty packaging which may still contain product residues.
Sources of key data used to compile the Safety Data Sheet	е	nternal technical data, data from raw material SDSs, OECD Chem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
Date format	: у	yyy/mm/dd

#### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
ACGIH / TWA	:	8-hour, time-weighted average

AllC - 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 Chemi-

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cal 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

### Disclaimer

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 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.

CN / EN