

neodisher	Ζ		
Version: 4 / CA	Replaces Version: 3 / CA	Date revised: 13.04.2022	Print date: 13.03.23
1. Identification			
1.1. Product iden neodisher Z	tifier		
1.2. Relevant ider	ntified uses of the substan	ce or mixture and uses ad	lvised against
Identified Uses			U
PC35	Washing and cleaning p	roducts (including solvent based	products)
1.3. Details of the	supplier of the safety data	a sheet	
Address:			
Miele Ltd. 161 Four Vall	ev Drive		
Vaughan, ON	L4K 4V8		
Telephone no www.mielepro			
E-mail addre sida@drweige	ss of person responsible for th i ert.de	s SDS:	
Manufacturer:			
Chemische Fa Mühlenhagen	abrik Dr. Weigert GmbH & Co. KG		
D-20539 Ham			
Telephone no			
Fax no. www.drweige	+49 40 789 60 120 rt.com		
	elephone number : (USA domestic) +1 800 535 505	3 or international +1 352 323 350	0
2. Hazard identific	ation		
2.1. Classification	n of the substance or mixt	ure	
Classification	(Regulation (EC) No. 1272/20	08)	
Classification	(Regulation (EC) No. 1272/2008) Eye Irrit. 2	H319	
	Skin Sens. 1	H317	
The product is	Aquatic Chronic 3	H412 H412 (EC) No. 12	70/0000
	s classified and labelled in accorda on of abbreviations see section 16		/2/2008
2.2. Label elemen	its		
Labelling acc	ording to regulation (EC)	No 1272/2008	
Hazard pictog	rams		
Signal word			
Signal word			



WarningHazard statementsH317May cause an allergic skin reaction.H319Causes serious eye irritation.H412Harmful to aquatic life with long lasting effects.Precautionary statementsP273Avoid release to the environment.P280Wear protective gloves/protective clothing/eye protection/face protection.P305+P351+P383IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.P337+P313If eye irritation persists: Get medical advice/attention.Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)contains2-octyl-2H-isothiazol-3-one2.3. Other hazardsNo special hazards have to be mentioned.No special hazards have to be mentioned.concentration ≥ 25 S10MixturesHazardous ingredientscitric acidcitric acidcitric acidCassification (Regulation (EC) No. 1272/2008)Classification (Regulation (EC) No. 1272/2008)Avole 7 28 30Rolue of exposure: inhalativeAvole 7 28 430Route of exposure: inhalativeAcute Tox. 2Avole 7 430Route of exposure: inhalativeAcute Tox. 3H330Route of exposure: inhalativeAcute Tox. 3H331Route of exposure: inhalativeAcute Tox. 3H331 </th <th>ersion:</th> <th>4 / CA</th> <th>Replaces Version: 3 /</th> <th>CA</th> <th>Date</th> <th>revised: 1</th> <th>3.04.2022</th> <th>Print date: 13.03.2</th>	ersion:	4 / CA	Replaces Version: 3 /	CA	Date	revised: 1	3.04.2022	Print date: 13.03.2
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$\begin{array}{cccc} CAS \ \text{No.} & 26530-20-1 \\ \ \mbox{EINECS no.} & 247-761-7 \\ \ \mbox{Concentration} & >= & 0,0025 & < & 0,025 & \% \\ \ \mbox{Classification} \ (\mbox{Regulation} \ (\mbox{EC}) \ \text{No.} \ 1272/2008) \\ & Acute \ \mbox{Tox.} \ 2 & H330 \\ & Acute \ \mbox{Tox.} \ 3 & H311 \\ & Acute \ \mbox{Tox.} \ 3 & H301 \\ & Acute \ \ \mbox{Tox.} \ 3 & H301 \\ & Acute \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$								
$\begin{array}{cccc} CAS \ \text{No.} & 26530-20-1 \\ \ \mbox{EINECS no.} & 247-761-7 \\ \ \mbox{Concentration} & >= & 0,0025 & < & 0,025 & \% \\ \ \mbox{Classification} \ (\mbox{Regulation} \ (\mbox{EC}) \ \text{No.} \ 1272/2008) \\ & Acute \ \mbox{Tox.} \ 2 & H330 \\ & Acute \ \mbox{Tox.} \ 3 & H311 \\ & Acute \ \mbox{Tox.} \ 3 & H301 \\ & Acute \ \ \mbox{Tox.} \ 3 & H301 \\ & Acute \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$								
$\begin{array}{c cccc} EINECS no. & 247-761-7\\ Concentration & \geq & 0,0025 & < & 0,025 & \%\\ Classification (Regulation (EC) No. 1272/2008) & & & Route of exposure: inhalative\\ & Acute Tox. 2 & H330 & & Route of exposure: dermal\\ & Acute Tox. 3 & H311 & & Route of exposure: dermal\\ & Acute Tox. 3 & H301 & & Route of exposure: oral \\ & Skin Corr. 1 & & H314\\ & Eye Dam. 1 & & H318\\ & Skin Sens. 1A & & H317\\ & Aquatic Acute 1 & & H400\\ & Aquatic Chronic 1 & & H410 \\ \end{array}$								
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Skin Sens. 1A H317 >= 0,0015 % Aquatic Acute 1 M = 100	2	Concentration	>= 0,0 egulation (EC) No. 1272/ Acute Tox. 2 Acute Tox. 3 Acute Tox. 3 Skin Corr. 1 Eye Dam. 1 Skin Sens. 1A	/2008)	H330 H311 H301 H314 H318 H317	0,025	Route of exp	oosure: dermal
Skin Sens. 1A H317 >= 0,0015 % Aquatic Acute 1 M = 100	2	Concentration	>= 0,0 egulation (EC) No. 1272/ Acute Tox. 2 Acute Tox. 3 Acute Tox. 3 Skin Corr. 1 Eye Dam. 1 Skin Sens. 1A Aquatic Acute 1	/2008)	H330 H311 H301 H314 H318 H317 H400	0,025	Route of exp	oosure: dermal
Aquatic Acute 1 M = 100	2	Concentration Classification (Re	>= 0,0 egulation (EC) No. 1272/ Acute Tox. 2 Acute Tox. 3 Acute Tox. 3 Skin Corr. 1 Eye Dam. 1 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1	/2008)	H330 H311 H301 H314 H318 H317 H400 H410	0,025	Route of exp	oosure: dermal
Aquatic Chronic 1 M = 100	2	Concentration Classification (Re	>= 0,0 gulation (EC) No. 1272/ Acute Tox. 2 Acute Tox. 3 Acute Tox. 3 Skin Corr. 1 Eye Dam. 1 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1 hits (Regulation (EC) No	/2008) . 1272/2	H330 H311 H301 H314 H318 H317 H400 H410		Route of ex Route of ex	oosure: dermal
	2	Concentration Classification (Re	>= 0,0 gulation (EC) No. 1272/ Acute Tox. 2 Acute Tox. 3 Acute Tox. 3 Skin Corr. 1 Eye Dam. 1 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1 hits (Regulation (EC) No Skin Sens. 1A	/2008) . 1272/2	H330 H311 H301 H314 H318 H317 H400 H410 2008)	>= 0,0015	Route of ex Route of ex	oosure: dermal



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4. First-aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After ingestion

Rinse mouth thoroughly with water.

Adhere to personal protective measures when giving first aid First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.



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6.3. Methods and material Pick up with absorbent m						the regulations.
6.4. Reference to other service Refer to protective measured of the service measurement of the service		n Secti	ions 7 and 8	5.		
7. Handling and storage						
7.1. Precautions for safe h Advice on safe handling Avoid formation of aeroso closed.	J	e the us	sual precaut	ions for h	andling chemical	s. Keep container tightly
Advice on protection ag The product is not combu		and ex	xplosion			
7.2. Conditions for safe st	orage. in	cludi	ng anv in	compat	ibilities	
Recommended storage	•					
Value	>	-3	<	30	°C	
T dido		•		30	C	
Requirements for storage Keep in original packagin are opened must be care	ig, tightly cl	osed. S	Storage rooi			ated. Containers which
Storage class according	to TRGS	510				
Storage class according TRGS 510	to 10-	13	Other co	mbustible	and non-combus	stible substances
7.3. Specific end use(s) no data						
8. Exposure controls/Perso	onal prote	ection	า			
8.1. Control parameters						
Other information						
	c					
There are not known any	further cor	itrol pa	rameters.			
8.2. Exposure controls						
General protective and I	hvaiene n	ieasiir	res			
Hold eye wash fountain a eyes. Do not eat, drink or	available. D	o not in	nhale gases			
Respiratory protection						
Not necessary, but do no approved for this particul				limits are	exceeded, a res	piratory protection
Hand protection						
Chemical resistant gloves	\$					
Use		nent h	and contact			
Appropriate Material	neopre					
Material thickness	>= '	0,65				
Breakthrough time	>	480				
Appropriate Material	nitrile					
Material thickness	>=	0,4				
Breakthrough time	>	480				
Appropriate Material	butyl	07				
Material thickness	>=	0,7				

>

480

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Breakthrough time



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Use Appropriate Mate Material thicknes Hand protection		ontact	
Eye protection Safety glasses w Body protection	vith side protection shield; Eye p	rotection must comply with EN	166.
	al in the chemical industry.		
9. Physical and cher	nical properties		
	basic physical and chem liquid colourless odourless	ical properties	
Odour threshold			
Remarks pH value	not determined		
Value Temperature	appr. 1,0 20	°C	
Melting point Remarks	not determined		
Freezing point Remarks	not determined		
Initial boiling poi Value	nt and boiling range > 100	°C	
Flash point Remarks	Not applicable		
Evaporation rate Remarks			
Flammability (so	lid, gas)		
evaluation	Not applicable		
Remarks	mability or explosive limits Not applicable	i	
Vapour pressure			
Remarks	not determined		
Vapour density Remarks	not determined		
Density			
Value Temperature	1,17 20	°C	
Solubility in wate Remarks	e r miscible in all p	roportions	
Solubility(ies) Remarks	not determined		
	ent: n-octanol/water		
Remarks	not determined		



Ignition temperature Remarks Not applicable Decomposition temperature Remarks not determined Viscosity dynamic dynamic 20 "C Value < 10 mPa.s Temperature 20 "C evaluation no Oxidising properties evaluation None known 9.2 9.2. Other information Other information None known None known 10. Stability and reactivity 10 10. Stability of hazardous reactions when stored and handled according to prescribed instructions. 10.2. Chemical stability No hazardous reactions known. 10.3. Possibility of hazardous reactions known. 10.4. Conditions to avoid No hazardous reactions known. 10.5. Incompatible materials Reactions with alkalies. 10.6. Hazardous decomposition products No hazardous decomposition products known. 11. Information on toxicological effects Acute oral toxicity Remarks Based on available data, the classification criteria are not met. 11.1. Information on toxicological effects Acute oral toxicity Species 11700 mg/kg citric acid Species 11700 mg/kg Citric acid Species 5040 mg/kg	Version: 4 / CA	Replaces Ve	ersion: 3	8 / CA	Date revised:	13.04.2022	Print date: 13.03.23
Remarks not determined Viscosity mPa.s dynamic mPa.s Value 20 "C Explosive properties mo evaluation no Oxidising properties mo evaluation None known 92. Other information None known Other information None known 00. Stability and reactivity No hazardous reactions when stored and handled according to prescribed instructions. 10. Stability and reactions known. Itermined 10. Stability and reactions known. Itermined 10. Accorditions to avoid no hazardous reactions known. 10. Accorditions to avoid not determined 10. No hazardous reactions known. Itermined 10. Accorditions to avoid not determined 10. Accorditions to avoid not determined 10. Accorditions treations known. Itermined 10. Stability of hazardous reactions known. Itermined 10. Stability and reactions known. Itermined 11. Information on toxicologic		rature	Not ap	oplicable			
dynamic Value < 10		n temperature	not de	termined			
Value < 10	Viscosity						
ievaluation no Oxidising properties evaluation None known 3.2. Other information Other information None known 10. Stability and reactivity 10. Stability and reactivity 10. Reactivity No hazardous reactions when stored and handled according to prescribed instructions. 10.2. Chemical stability No hazardous reactions known. 10.3. Possibility of hazardous reactions No hazardous reactions known. 10.4. Conditions to avoid No hazardous reactions known. 10.4. Conditions to avoid No hazardous reactions known. 10.5. Incompatible materials Reactions with alkalies. 10.5. Hazardous decomposition products No hazardous decomposition products No hazardous decomposition products No hazardous decomposition products known. 11. Toxicological information 11. Information on toxicological effects Acute oral toxicity (Components) citric acid Species rat LD50 11700 mg/kg citric acid Species nouse LD50 5040 mg/kg	Value Temperature		<		°C	mPa.s	
Oxidising properties evaluation None known 9.2. Other information None known None known 9.3. Other information None known None known 10. Stability and reactivity Image: Composition tended according to prescribed instructions. 10. Stability and reactivity No hazardous reactions when stored and handled according to prescribed instructions. Image: Composition tended according to prescribed instructions. 10.3. Possibility of hazardous reactions known. Image: Composition tended according to prescribed instructions. 10.3. Possibility of hazardous reactions known. Image: Composition tended according to prescribed instructions. 10.4. Conditions to avoid No hazardous reactions known. Image: Composition tended according to prescribed instructions. 10.5. Incompatible materials Reactions with alkalies. Image: Composition tended according to known. 11.5. Incompatible materials No hazardous decomposition products known. Image: Composition tended according to known. 11.1. Information on toxicological effects Acute oral toxicity (Components) Image: Composition criteria are not met. 1.1. Linformation on toxicological affects Image: Composition criteria are not met. Acute oral toxicity (Components) Image: Composition criteria are not met. 1.050 11700 mg/kg Image: Composition 11700		perties					
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No hazardous reactions known. Decomposition temperature Remarks not determined 10.5. Incompatible materials Reactions with alkalies. 10.6. Hazardous decomposition products No hazardous decomposition products known. 1.1. Information on toxicological effects Acute oral toxicity Remarks Based on available data, the classification criteria are not met. Acute oral toxicity (Components) citric acid Species rat LD50 11700 mg/kg citric acid Species mouse LD50 5040 mg/kg	10.3. Possibility c	of hazardous	reactio	ons			
Remarks not determined 10.5. Incompatible materials Reactions with alkalies. Image: State S			า.				
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No hazardous decomposition products known. 11. Toxicological information 11.1. Information on toxicological effects Acute oral toxicity Remarks Based on available data, the classification criteria are not met. Acute oral toxicity (Components) citric acid Species rat LD50 11700 mg/kg citric acid Species mouse LD50 5040 mg/kg							
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Acute oral toxicity (Components)citric acidSpeciesLD50citric acidSpeciesSpeciesLD505040mg/kg		-	Based or	available	data, the class	fication criteria a	ire not met.
SpeciesratLD5011700mg/kgcitric acidmouseSpeciesmouseLD505040mg/kg	Acute oral toxi						
SpeciesmouseLD505040mg/kg			at			ma/ka	
0.0	Species	I	1	1700		ing/kg	
	Species LD50 citric acid Species		nouse				

	2		Drint data: 12.02.02
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Acute inhalatio	-		
Remarks		ilable data, the classification criteria a	are not met.
Skin corrosion			
Remarks		ilable data, the classification criteria a	are not met.
Serious eye da evaluation	irritant		
Remarks		tion criteria are met.	
Sensitization			
evaluation	May cause se	nsitization by skin contact.	
Remarks	The classificat	tion criteria are met.	
	chronic, chronic toxicity		
Remarks	Based on avai	ilable data, the classification criteria a	are not met.
Mutagenicity	_		
Remarks		ilable data, the classification criteria a	are not met.
Reproductive t	•		
Remarks		ilable data, the classification criteria a	are not met.
Carcinogenicit Remarks	-	ilable data, the classification criteria a	are not mot
			are not met.
	t Organ Toxicity (STOT)		
Single expos Remarks		ilable data, the classification criteria a	are not met.
Repeated exp Remarks		ilable data, the classification criteria a	are not met.
Aspiration haz Based on avai	ard lable data, the classification c	riteria are not met.	
Experience in	<pre>practice / lead to irritation of the respira</pre>	atory tract.	
Inhalation may	ion		
Inhalation may Other informat		part from the information given in this	
Other informat	ta available on the product ap	0	subsection.
Other informat		Ŭ	subsection.
Other informat There is no da			subsection.
Other informat There is no da 2. Ecological info	rmation		subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform	rmation ation		subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform not determine Fish toxicity (C	rmation ation		subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform not determine Fish toxicity (C citric acid Species	rmation ation d components) golden orfe (Le	euciscus idus)	subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform not determined Fish toxicity (C citric acid Species LC50	rmation ation d components) golden orfe (Lo 440	euciscus idus) to 706 mg/l	subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform not determined Fish toxicity (C citric acid Species LC50 Duration of ex	rmation ation d components) golden orfe (Lo 440 posure 96	euciscus idus)	subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform not determined Fish toxicity (C citric acid Species LC50 Duration of ex Daphnia toxicit	rmation ation d components) golden orfe (Lo 440	euciscus idus) to 706 mg/l	subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform not determined Fish toxicity (C citric acid Species LC50 Duration of ex Daphnia toxicit citric acid	rmation ation d components) golden orfe (La 440 posure 96 ty (Components)	euciscus idus) to 706 mg/l h	subsection.
Other informat There is no da 2. Ecological info 12.1. Toxicity General inform not determined Fish toxicity (C citric acid Species LC50 Duration of ex Daphnia toxicit	rmation ation d components) golden orfe (Lo 440 posure 96	euciscus idus) to 706 mg/l h	subsection.

A DR.WEIGERT



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General informatio	n		
Ready degradabilit	y (Components)		
citric acid			
I2.3. Bioaccumulative General informatio not determined	•		
Partition coefficien Remarks	t: n-octanol/water not determined		
I2.4. Mobility in soil			
General informatio	n		
I2.5. Results of PBT	and vPvB assessment		
=	stance and bioaccumulat	-	
2.6. Other adverse e General informatio not determined General informatio	n n / ecology	ator appal. Avoid release into	the otmosphere
	er soil, waterways or waste w	ater canal. Avoid release into	the atmosphere.
3. Disposal considera	ations		
13.1. Waste treatmen	t methods		
EWC waste code EWC waste code The listed waste co	20 01 29* dete ode numbers, according to the commendation. A final decisio		substances (EWC), are to be
EWC waste code	d packagings can be given for 15 01 10* pack	tic packaging recycling. aging containing residues of gerous substances	or contaminated by
Packaging that car company.	not be cleaned should be dis		ne regional waste disposa
4. Transport informat	tion		
		Morino from out	Air transport ICAO/IAT
	Land transment TDO	Marine transport	AIT TRANSPORT ICAU/IA I
	Land transport TDG	IMDG/GGVSee	



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14.6. Special preca See Sections 6 to					
Other information 14.7. Transport in t Not applicable	oulk according to Annex II	of Marpol and the	IBC Code		
15. Regulatory inform	nation				
15.2. Chemical safet For this preparati	t y assessment on a chemical safety assess	ment has not been	carried out.		
16. Other information	ı				
Hozord staters and	listed in Chanter 2				
	ts listed in Chapter 3				
H301	Toxic if swallow	ed.			
H311	Toxic in contact	with skin.			
H314		skin burns and eye	damage.		
H317		Illergic skin reaction			
H318			1.		
	Causes serious				
H319	Causes serious	eye irritation.			
H330	Fatal if inhaled.				
H335	May cause resp				
H400	Very toxic to aq	uatic life.			
H410	Very toxic to aq	uatic life with long I	asting effects.		
H412	Harmful to aqua	atic life with long las	sting effects.		
CLP categories li	sted in Chanter 3	-	-		
-	•				
Acute Tox. 2	Acute toxicity, C				
Acute Tox. 3	Acute toxicity, C				
Aquatic Acute 1		e aquatic environm			
Aquatic Chronic		e aquatic environm			
Aquatic Chronic 3		e aquatic environm	ient, chronic, Ca	itegory 3	
Eye Dam. 1	Serious eye dar	nage, Category 1			
Eye Irrit. 2	Eye irritation, C	ategory 2			
Skin Corr. 1	Skin corrosion,	Category 1			
Skin Sens. 1	Skin sensitizatio	on, Category 1			
Skin Sens. 1A		on, Category 1A			
STOT SE 3		organ toxicity - singl	le exposure, Ca	tegory 3	
Abbreviations			•	0	
	an éan ralatif an transportint	amational dae man	abandiaaa Dana	arawaaa nar Dawta	
RID: Règlement IMDG: Internation	opéen relatif au transport int concernant le transport intern nal Maritime Code for Dange	national ferroviaire rous Goods			
ICAO: International Civil Aviation Organization					
IATA: International Air Transport Association					
IBC: Intermediate Bulk Container					
CAS: Chemical Abstracts Service					
VOC: Volatile Organic Compound					
LD: Lethal dose					
LC: Lethal conce	ntration				
	Bioaccumulative and Toxic				
	stent and very bioaccumulati	VA			
		vC			
	es of very high concern			in	
	International Convention for		oliution From Sh	ips, 1973 as modified by	
	978 (MARPOL: Marine Pollu				
	I Organization for Standardiz				
OECD: Organisa	tion for Economic Co-operat	ion and Developme	ent		



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IMO: International Maritime Organization UN: United Nations EU: European Union

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: *** This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.