

## Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 18/01/2018 Version: 2.0. For changes from version 1.0, please see section 16

ECTION 1: Identifi	cation of the substance/mixture	and of the company/undertakir	ıg	
1.1. Product	identifier			
Product form	: M	Mixture		
Trade name : E		DISHWASH POWDER DELUXE		
Product code : >		KDWP		
UFI Number : .		J33C-G02J-Y00W-N403		
		Detergent		
Product group	: 1	Frade product		
1.2. Relevant	identified uses of the substanc	e or mixture and uses advised a	against	
1.2.1. Relevant	identified uses			
Main use category	: F	Professional use		
Industrial/Professio	nal use spec : F	For professional use only		
Use of the substance/mixture : Machine dishwashing products				
1.2.2. Uses adv	vised against			
No additional inform	•			
1.3. Details o	f the supplier of the safety data	sheet		
<b>Bio-Productions</b>				
72 Victoria Road				
Burgess Hill - Unite T 0044 (0) 1444 24	a Kingaom 4000 - F 0044 (0) 1444 244999			
	luctions.com - www.bio-production	ns.com		
1.4. Emerger	icy telephone number			
Emergency number	r : (	0044 (0) 1444 244000 (office hour	s only)	
Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information	Dudley Road B18 7QH Birmingham	0844 892 0111 (UK	
	Service (Birmingham Centre) City Hospital, Guy's & St Thomas'	Dio ren binningham	only, Monday to Friday, 08.00 to 18.00 hours)	
	Hospital Trust		08.00 10 18.00 flours)	
SECTION 2: Ha	azards identification			
2.1. Classific	ation of the substance or mixtu	re		
Classification acc	ording to Regulation (EC) No. 12	272/2008 [CLP]		
Corrosive to metals, Category 1 H290				
Skin corrosion/irritation, Category 1		H314		
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritatio				
	quatic environment — Chronic Ha	••••	H412	
	classes and H-statements : see se			
	asses and in-sidlements . See Se			

### Adverse physicochemical, human health and environmental effects

May be corrosive to metals. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements	
Labelling according to Regulation (EC) No. 12	72/2008 [CLP]
Hazard pictograms (CLP)	CHS05 CHS07
Signal word (CLP)	: Danger
Hazardous ingredients	: Sodium Metasicate Pentahydrate; Sodium Hydroxide, Caustic Soda; Troclosene Sodium
Hazard statements (CLP)	<ul> <li>H290 - May be corrosive to metals</li> <li>H314 - Causes severe skin burns and eye damage</li> <li>H335 - May cause respiratory irritation</li> <li>H412 - Harmful to aquatic life with long lasting effects</li> </ul>

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Precautionary statements (CLP)	: P102 - Keep out of reach of children
	P234 - Keep only in original container
	P260 - Do not breathe dust, fume, gas, mist, vapours, spray
	P264 - Wash hands, forearms and face thoroughly after handling
	P271 - Use only outdoors or in a well-ventilated area
	P273 - Avoid release to the environment
	P280 - Wear protective gloves, protective clothing, eye protection, face protection
	P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.
	Rinse skin with water/shower
	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing
	P310 - Immediately call a POISON CENTER, a doctor
	P312 - Call a POISON CENTER, a doctor if you feel unwell
	P390 - Absorb spillage to prevent material damage
	P403+P233 - Store in a well-ventilated place. Keep container tightly closed
	P501 - Dispose of contents/container to an approved waste disposal plant

#### 2.3. Other hazards

No additional information available

#### SECTION 3: Composition/information on ingredients

## 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
SODIUM METASICATE PENTAHYDRATE	(CAS No) 10213-79-3 (EC no) 229-912-9	30 - 50	Met. Corr. 1, H290 Skin Corr. 1, H314 STOT SE 3, H335
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27	5 - 10	Met. Corr. 1, H290 Skin Corr. 1A, H314
troclosene sodium (Note G)	(CAS No) 2893-78-9 (EC no) 220-767-7 (EC index no) 613-030-00-X	0.1 - 3	Ox. Sol. 2, H272 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Specific concentration limits:			
Name	Product identifier	Specific concentration limits	
sodium hydroxide, caustic soda	(CAS No) 1310-73-2 (EC no) 215-185-5 (EC index no) 011-002-00-6 (REACH-no) 01-2119457892-27	( 0.5 = <c 2)="" 2,="" <="" h315<br="" irrit.="" skin="">( 0.5 =<c 2)="" 2,="" <="" eye="" h319<br="" irrit.="">( 2 =<c 1b,="" 5)="" <="" corr.="" h314<br="" skin="">(C &gt;= 5) Skin Corr. 1A, H314</c></c></c>	

Note G : This substance may be marketed in an explosive form in which case it must be evaluated using the appropriate test methods. The classification and labelling provided shall reflect the explosive properties.

Full text of H-statements: see section 16

SECTION 4: First aid measures			
4.1. Description of first aid measures			
First aid measures general	:	If you feel unwell, seek medical advice (show the label where possible)	
First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing.	
First-aid measures after skin contact	:	Wash skin with plenty of water.	
First-aid measures after eye contact	:	Rinse eyes with water as a precaution.	
First aid advice Ingestion	:	Do not give anything by mouth to an unconscious person. Wash mouth out with water, then drink pleanty of water. Do NOT induce vomiting.	
4.2. Most important symptoms and effects, both acute and delayed			
Symptoms/injuries :		Causes severe skin burns and eye damage.	

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Symptomsinjuries after init control :: Burns. Symptomsinjuries after eige contact :: Causes serious eye damage. Symptomsinjuries after eige contact :: Causes serious eye damage. Section 5: Firefighting measures Subele extinguishing media :: Water spray. Dry powder. Foam. S. Stackies for firefighters Protection during firefighting :: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective contain. Section 4: Accidental release measures Section 4: Accidental release measures Section 6: Accidental release measures Section 8: Terposure controls/personal protection? Section 8: Terposure controls/personal protection? Section 8: Terposure controls/personal protection? Section 8: Section 8: Terposure controls/personal protection? Section 9: Protective equipment. For further information refer to section 8: Terposure controls/personal protection? Section 9: Terposition for data section 13. Section 9: Terposition for section 13	according to Regulation (EU) 2015/830					
Symptomsinglives after eye contact : Causes serious eye damage. Symptomsinglives after eye contact : Burns. 3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures 3. Statistication of any immediate medical attention and special treatment needed Subabe extinguishing media : Water spray. Dry powder. Foam. 5. Statistication of any immediate case of : Toxic furnes may be released. Inter a diversion of the substance or mixture Hazardous decomposition products in case of : Toxic furnes may be released. Inter a diversion of the substance or mixture Bazardous decomposition products in case of : Toxic furnes may be released. Inter a diversion of the substance or mixture Bazardous decomposition products in case of : Toxic furnes may be released. Inter a diversion of the substance or mixture Bazardous decomposition products in case of : Toxic furnes may be released. Inter a diversion of the substance or mixture Bazardous decomposition products in case of : Toxic furnes may be released. Bazardous decomposition products in case of : Toxic furnes may be released. Bazardous decomposition products in case of : Toxic furnes may be released. Bazardous decomposition products in case of : Toxic furnes may be released. Bazardous decompositic products in case of : Sub not attempt to take action without suitable protective equipment. For further information refer to section 8: 'Execute controls/persional protection''. Bazardous decompositic products in the environment. Bazardous decompositic products in the environment. Bazardous decompositic products in containment and deaning up Methods and material for containment and deaning up Methods for cleaning up : Recover mechanically the product. Bazardous decompositic product area. Avoid breating dustrume/gasimist/approxis/pray. Hypione measures : Ware personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breating dustrume/gasimist/approxis/pray. Hy	Symptoms/injuries after inhalation	: May cause respirate	ory irritation.			
Symptomainipules after ingestion : Burns.  4.3 Indication of any immediate attention and special treatment needed  Test symptomatically.  SECTION 5: Firefighting mediaal attention and special treatment needed  Test symptomatically.  SECTION 5: Firefighting mediaal attention and special treatment needed  Subable extinguishing media  Water spray. Dry powder. Foam.  5.2 Special hazards artising from the substance or mixture  Hazardous decomposition products in case of : Toxic fumes may be released.  Free  S.3 Advice for firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  SECTION 6: Accidental release measures  6.1. For non-emergency protective equipment to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  SECTION 6: Accidental release measures  6.1. For non-emergency protective equipment to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  SECTION 6: Accidental release measures  6.1. For non-emergency protective equipment to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective:  6.2. Environmental protective equipment to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective.  6.3. Methods and material for containment and cleaning up  Methods for cleaning up  Freeductions for safe handling  Freeductions for safe handling  C.4. Conditions for safe handling  Freeductions for safe handling  Action and submitted action without suing this product. Always wash hands after handling the product.  7. Conditions for safe handling  7. Methods  7. Conditions for safe handling	Symptoms/injuries after skin conta	act : Burns.				
4.3. Indication of any immediate medical attention and special treatment needed         Treat symptomatcally.         SECTION 5: Firdighting media         Subable extinguishing media         Subable extitemedia by otherating dust/fume/gas/misit/s	Symptoms/injuries after eye contact : Causes serious eye damage.					
Treat symptomatically.         SECTION 5: Fireighting measures         Suitable extinguishing media       : Water spray. Dry powder. Feam.         Suitable extinguishing media       : Water spray. Dry powder. Feam.         Same and the substance or mixture         Hazardous decomposition products in case of content or the substance or mixture or mixture.         File         Same and the substance or mixture or mixture.         File         Same and the substance or mixture.         Same and the substance or mixture. <td>Symptoms/injuries after ingestion</td> <td colspan="5"></td>	Symptoms/injuries after ingestion					
SECTION 5: Firefighting media         5.1.       Extinguishing media         Suitable extinguishing media       : Water spray. Dry powder. Foam.         5.2.       Special hazards arising from the substance or mixture         Hazardous decomposition products in case of : Toxic fumes may be released. Ire       :         5.3.       Advice for firefighters         Protection during firefighting :: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective conting.         SECTION 6: Accidental release measures         6.1.       Personal precautions, protective equipment and emergency procedures         6.1.1.       For non-emergency personnel         Emergency procedures :: Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.         6.1.2.       For emargency responders         Protective equipment :: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2.       Methods and material for containment and cleaning up         Methods for cleaning up :: Recover mechanically the product.         Other information refer to section 13.         SECTION 7: Handling and storage         71.1.       Precautions for safe handling         Precautions for safe handling :: Wear personal protective equipment. Use only ouddors or in a well-ventilated area. A	4.3. Indication of any imme	ediate medical attention and special	treatment needed			
5.1.       Extinguishing media       : Water spray. Dry powder. Foam.         5.2.       Special bazards arising from the substance or mixture         Hazardous decomposition products in case of       : Toxic fumes may be released.         free	Treat symptomatically.					
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Subable extinguishing media       : Water spray. Dry powder. Foam.         5.2.       Special hzardous decomposition products in case of       : Toxic fumes may be released.         File       : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.         FOrdection during firefighting       : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.         SECTION 6: Accidental release measures       Energency procedures         G1.1.       For non-emergency procedures         C1.1. For non-emergency procedures       : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.         C1.2.       For emergency responders         Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 3: "Exposure controls/personal procedures".         G2.       Environmental proceatures         G3.       Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanicals or solid residues at an authorized site.         G1.4.       Reference to other section 13.         SECTION 7: Handling and storage       : Do not eat, drink or smoke when using this product. Always wash hands after handling the contain.         Proceutions for safe handling       : Secore ony in riginal container. Store locked up.	5.1. Extinguishing media					
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fire  S.3. Advice for firefighters  Protection during firefighting  i Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.  SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1. For non-emergency personnel Emergency procedures  i Ventilate splilage area. Avoid breathing dust/tume/gas/mist/vapours/spray.  6.1. For one-mergency responders  Protective equipment  i Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".  6.2. Environmental precautions Avoid release to the environment.  6.3. Methods and material for containment and cleaning up Methods for cleaning up  i Recover mechanically the product.  6.4. Reference to other section 13.  SECTION 7: Handling and storage  7.1 Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe storage, including any incompatibilities Storage conditions  i Ventals  i Venta	5.2. Special hazards arisin	g from the substance or mixture				
Protection during firefighting       : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.         SECTION 6: Accidental release measures         61.       Personal precautions, protective equipment and emergency procedures         C1.1. For one-mergency personnel         Emergency procedures       : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.         61.2. For emergency responders         Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         62.       Environmental precautions         Avoid release to the environment.       Exposure controls/personal protection".         63.       Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         64.       Reference to other section 13.         SECTION 7: Handling and storage       .         7.1.       Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or snoke when using this product. Always wash hands after handling the product.		is in case of : Toxic fumes may be	e released.			
apparatus. Complete protective clothing.         SECTION 6: Accidental release measures         6.1. Personal procedulons, protective equipment and emergency procedures         6.1.1. For non-emergency personnel         Emergency procedures       : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.         6.1.2. For emergency responders         Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2. Environmental precautions         Avoid release to the environment.         6.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other sections       : Sectron 7: Handling and storage         7.1. Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not attempt or some when using this product. Always wash hands after handling the product.         7.1. Precautions for safe storage, including any incompatibilities       :         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.	5.3. Advice for firefighters					
6.1.       Personal precautions: protective equipment and emergency procedures         6.1.1.       For non-emergency personnel         Emergency procedures       : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.         6.1.2.       For emergency responders         Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2.       Environmental precautions         Avoid release to the environment.       6.3.         6.3.       Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4.       Reference to other sections         For further information refer to section 13.       SECTION 7: Handling and storage         7.1.       Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated pla	Protection during firefighting					
6.1.1. For non-emergency personnel         Emergency procedures       : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.         6.1.2. For emergency responders         Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2. Environmental precautions         Avoid release to the environment.         6.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other section 13.         SECTION 7: Handling and storage         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygien measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2. Conditions for safe storage, including any incompatibilities       Storage conditions         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep conl.         Incompatible materials       : Metals.         7.3. Specific end use(s)       Metals.         Rotaditional information available       Encompatible	<b>SECTION 6: Accidental re</b>	lease measures				
Emergency procedures       : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.         6.1.2. For emergency responders       Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2. Environmental precautions       Avoid release to the environment.         6.3. Methods and material for containment and cleaning up       Avoid release to the environment.         6.4. Reference to other sections       Executions is residues at an authorized site.         6.4. Reference to other sections       Executions for safe handling         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2. Conditions for safe storage, including any incompatibilities       Storage conditions         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep cool.         Incompatible materials       : Metals.         7.3. Specific end use(s)       No additional information available         SECTION 7: Exposure controls/personal protection       Storage conditions         8.1. Control parameters       : Keep only in original container. Store locked up. Store in a well-venti	6.1. Personal precautions,	protective equipment and emergen	cy procedures			
6.1.2. For emergency responders         Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2. Environmental precautions         Avoid release to the environment.         6.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other sections         For further information refer to section 13.         SECTION 7: Handling and storage         7.1 Precautions for safe handling         Precautions for safe handling         Precautions for safe handling         Precautions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3 Specific end use(s)         No additional information available         Section 8: Exposure controls/personal protection         Solum hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	6.1.1. For non-emergency pe	ersonnel				
Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2.       Environmental precautions         Avoid release to the environment.       6.3.         6.3.       Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4.       Reference to other sections         For further information refer to section 13.       SECTION 7: Handling and storage         7.1.       Precautions for safe handling         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available       SECTION 8: Exposure controls/personal protection			rea. Avoid breathing dust/fume/gas/mist/vapours/spray.			
Protective equipment       : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".         6.2.       Environmental precautions         Avoid release to the environment.       6.3.         6.3.       Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4.       Reference to other sections         For further information refer to section 13.       SECTION 7: Handling and storage         7.1.       Precautions for safe handling         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available       SECTION 8: Exposure controls/personal protection	612 For emergency respor	oders				
6.2. Environmental precautions         Avoid release to the environment.         6.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other sections         For further information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other sections         For further information refer to section 13.         SECTION 7: Handling and storage         7.1. Precautions for safe handling         Precautions for safe handling         : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/tume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2. Conditions for safe storage, including any incompatibilites         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3. Specific end use(s)       Metals.         No additional information available       SECTION 8: Exposure controls/personal protection         8.1. Control parameters       Sodium hydroxide			ake action without suitable protective equipment. For further information			
Avoid release to the environment.         6.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other sections         For further information refer to section 13.         SECTION 7: Handling and storage         7.1. Precautions for safe handling         Precautions for safe handling         : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2. Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3. Specific end use(s)       Metals.         No additional information available       SECTION 8: Exposure controls/personal protection         8.1. Control parameters       Sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name       Sodium hydroxide	· · · · · · · · · · · · · · · · · · ·					
6.3.       Methods and material for containment and cleaning up         Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4.       Reference to other sections         For further information refer to section 13.         SECTION 7: Handling and storage         7.1.       Precautions for safe handling         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	6.2. Environmental precau	tions				
Methods for cleaning up       : Recover mechanically the product.         Other information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other sections	Avoid release to the environment.					
Other information       : Dispose of materials or solid residues at an authorized site.         6.4. Reference to other sections         For further information refer to section 13.         SECTION 7: Handling and storage         7.1. Precautions for safe handling         Precautions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3. Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1. Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	6.3. Methods and material	for containment and cleaning up				
6.4.       Reference to other sections         For further information refer to section 13.         SECTION 7: Handling and storage         7.1.       Precautions for safe handling         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available       SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)       United Kingdom         United Kingdom       Local name       Sodium hydroxide	Methods for cleaning up	: Recover mechanica	ally the product.			
For further information refer to section 13.         SECTION 7: Handling and storage         7.1.       Precautions for safe handling         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available       SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)       United Kingdom         United Kingdom       Local name       Sodium hydroxide	Other information	: Dispose of material	s or solid residues at an authorized site.			
SECTION 7: Handling and storage         7.1 Precautions for safe handling         Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2. Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3. Specific end use(s)         No additional information available         Sectrion 8: Exposure controls/personal protection         Sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name       Sodium hydroxide	6.4. Reference to other sec	tions				
7.1.       Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	For further information refer to see	tion 13.				
7.1.       Precautions for safe handling       : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.         Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	<b>SECTION 7: Handling and</b>	storage				
Hygiene measures       : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.         7.2.       Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	7.1. Precautions for safe h	andling				
product.         7.2. Conditions for safe storage, including any incompatibilities         Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3. Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1. Control parameters         Sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name       Sodium hydroxide	Precautions for safe handling					
Storage conditions       : Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	Hygiene measures		smoke when using this product. Always wash hands after handling the			
container tightly closed. Keep cool.         Incompatible materials       : Metals.         7.3.       Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name	7.2. Conditions for safe sto	brage, including any incompatibiliti	es			
7.3.       Specific end use(s)         No additional information available         SECTION 8: Exposure controls/personal protection         8.1.       Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name         Sodium hydroxide	Storage conditions					
No additional information available         SECTION 8: Exposure controls/personal protection         8.1. Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name         Sodium hydroxide	Incompatible materials	: Metals.				
SECTION 8: Exposure controls/personal protection         8.1. Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name         Sodium hydroxide	7.3. Specific end use(s)					
8.1. Control parameters         sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name         Sodium hydroxide	No additional information available	3				
sodium hydroxide, caustic soda (1310-73-2)         United Kingdom       Local name       Sodium hydroxide	<b>SECTION 8: Exposure co</b>	ntrols/personal protection				
United Kingdom Local name Sodium hydroxide	8.1. Control parameters					
United Kingdom Local name Sodium hydroxide	sodium hydroxide, caustic soo	da (1310-73-2)				
United Kingdom WEL STEL (mg/m <sup>3</sup> ) 2 mg/m <sup>3</sup>			Sodium hydroxide			
	United Kingdom	WEL STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>			

### 8.2. Exposure controls

### Appropriate engineering controls:

Ensure good ventilation of the work station.

### Hand protection:

Protective gloves

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### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

### **Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties				
9.1. Information on basic physical and chemical properties				
Physical state	: Solid			
Colour	: No data available			
Odour	: slight.			
Odour threshold	: No data available			
рН	: No data available			
pH solution	: 1 (13 - 13.5) %			
Relative evaporation rate (butyl acetate=1)	: No data available			
Melting point	: No data available			
Freezing point	: Not applicable			
Boiling point	: No data available			
Flash point	: Not applicable			
Auto-ignition temperature	: Not applicable			
Decomposition temperature	: No data available			
Flammability (solid, gas)	: Non flammable			
Vapour pressure	: No data available			
Relative vapour density at 20 °C	: No data available			
Relative density	: Not applicable			
Solubility	: No data available			
Log Pow	: No data available			
Viscosity, kinematic	: Not applicable			
Viscosity, dynamic	: No data available			
Explosive properties	: No data available			
Oxidising properties	: No data available			
Explosive limits	: Not applicable			
9.2. Other information				
No additional information available				
SECTION 10: Stability and reactivity				
10.1. Reactivity	10.1. Reactivity			
The product is non-reactive under normal cond	itions of use, storage and transport.			
10.2 Chamical stability				

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

metals. Oxidizing agent. Reducing agents.

10.6. Hazardous decomposition products

On burning: release of carbon monoxide - carbon dioxide.

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according to Regulation (EU) 2015/830	
SECTION 11: Toxicological informati	ion
SECTION 11: Toxicological informati	
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	: Serious eye damage, category 1, implicit
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Harmful to aquatic life with long lasting effects.
sodium hydroxide, caustic soda (1310-73-2)	
LC50 fish 1	125 mg/l
EC50 other aquatic organisms 1	> 33 mg/l EC50 waterflea (48 h)
42.2 Devoictories and derendebility	
12.2. Persistence and degradability No additional information available	
12.3. Bioaccumulative potential No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessme	nt
No additional information available	
12.6. Other adverse effects	
No additional information available	
<b>SECTION 13: Disposal consideration</b>	IS
13.1. Waste treatment methods	
No additional information available	
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / AI	DN .
14.1. UN number	
UN-No. (ADR)	: 1759
UN-No. (IMDG)	: 1759
UN-No. (IATA)	: 1759
UN-No. (ADN)	: 1759
UN-No. (RID)	: 1759
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: CORROSIVE SOLID, N.O.S. (Contains Sodium Hydroxide 10%, Sodium Metasilicate 3%)
Proper Shipping Name (IMDG)	: CORROSIVE SOLID, N.O.S.
Proper Shipping Name (IATA)	: CORROSIVE SOLID, N.O.S.
Proper Shipping Name (ADN)	: CORROSIVE SOLID, N.O.S.
Proper Shipping Name (RID)	: CORROSIVE SOLID, N.O.S.
Transport document description (ADR)	: UN 1759 CORROSIVE SOLID, N.O.S., 8, III, (E)
Transport document description (IMDG)	: UN 1759 CORROSIVE SOLID, N.O.S., 8, III
Transport document description (IATA)	: UN 1759 CORROSIVE SOLID, N.O.S., 8, III
Transport document description (ADN)	: UN 1759 CORROSIVE SOLID, N.O.S., 8, III

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Transport document description (RID)	: UN 1759 CORROSIVE SOLID, N.O.S., 8, III
14.3. Transport hazard class(es)	
ADR	
Transport hazard class(es) (ADR)	: 8
Danger labels (ADR)	: 8
	8
IMDG	
Transport hazard class(es) (IMDG)	: 8
Danger labels (IMDG)	: 8
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: 8
Hazard labels (IATA)	: 8
	<b>^</b> .
	8
ADN	
Transport hazard class(es) (ADN)	: 8
Danger labels (ADN)	: 8
Transport hazard class(es) (RID)	: 8
Danger labels (RID)	: 8
	8
14.4. Packing group	
Packing group (ADR) Packing group (IMDG)	: III : III
Packing group (IMDG) Packing group (IATA)	: III : III
Packing group (IATA) Packing group (ADN)	· III : III
Packing group (RID)	: III
14.5. Environmental hazards	
Dangerous for the environment	: No
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Marine pollutant Other information

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: No
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: No supplementary information available

14.6. Special precautions for user

Overland transportClassification code (ADR): C10Special provisions (ADR): 274Limited quantities (ADR): 5kgExcepted quantities (ADR): E1Packing instructions (ADR): B3Mixed packing provisions (ADR): B3Mixed packing provisions (ADR): MP10Portable tank and bulk container instructions: T1Portable tank and bulk container special: TP33provisions (ADR): SGAV, L4BNVehicle for tank carriage: ATTrans code (ADR): SGAV, L4BNVehicle for tank carriage: ATTransport category (ADR): 80Orange plates: 80Tunnel restriction code (ADR): EEAC code: 2X• Transport by seaSpecial provisions (IMDG): 223, 274Limited quantities (IMDG): 5 kgExcepted quantities (IMDG): E1Packing instructions (IMDG): P002, LP02IBC packing instructions (IMDG): T13Tank special provisions (IMDG): T13Tank special provisions (IMDG): T13Tank special provisions (IMDG): T13Tank special provisions (IMDG): T43EG special provisions (IMDG): T13Tank special provisions (IMDG): T13Tank code (ATA): S43End special provisions (IMDG): T13Tank special provisions (IMDG): T13Tank special provisions (IMDG): C10Stowage category (IMDG): A- Air transport <td< th=""><th></th><th></th></td<>		
Special provisions (ADR): 274Limited quantities (ADR): 5kgExcepted quantities (ADR): E1Packing instructions (ADR): P002, IBC08, LP02, R001Special packing provisions (ADR): MP10Portable tank and bulk container instructions: T1Portable tank and bulk container special: TP33provisions (ADR): SGAV, L4BNVehicle for tank carriage: ATTransport category (ADR): SGAV, L4BNVehicle for tank carriage: ATTransport category (ADR): S0Orange plates: <b>80</b> Tunnel restriction code (ADR): EEAC code: 2X• Transport by seaSpecial provisions (IMDG): 5kgExcepted quantities (IMGG): E1Packing instructions (IMDG): P002, LP02IBC packing instructions (IMDG): T11Tank special provisions (IMDG): T11Tank special provisions (IMDG): B3Tank instructions (IMDG): T11Tank special provisions (IMDG): B3Tank instructions (IMDG): T11Tank special provisions (IMDG): C10BC Accepted quantities (IATA): S46CAO packing instructions (IATA): A4• At transportPCA Excepted quantity (ATA): S46PCA packing instructions (IATA): S46PCA packing instructions (IATA): A6PCA initied quantity max net quantity (IATA): S46PCA packing instructions (IATA): S46PCA packing instructions (	-	•
Limited quantities (ADR) : 5kg Excepted quantities (ADR) : E1 Packing instructions (ADR) : B3 Mixed packing provisions (ADR) : MP10 Portable tank and bulk container instructions (ADR) : MP10 Portable tank and bulk container special provisions (ADR) : SGAV, L4BN Vehicle for tank carriage : AT Transport category (ADR) : 3 Special provisions for carriage - Bulk (ADR) : VC1, VC2, AP7 Hazard identification number (Kemler No.) : 80 Orange plates : <b>80</b> Tunnel restriction code (ADR) : E EAC code : 2X - Transport by sea Special provisions (IMDG) : 5 kg Excepted quantities (IMDG) : 5 kg Excepted quantities (IMDG) : B3 Haxing instructions (IMDG) : B3 Tank special provisions (IMDG) : B1 Packing instructions (IMDG) : B3 Tank instructions (IMDG) : T11 Tank special provisions (IMDG) : T11 Tank special provisions (IMDG) : T13 Tank instructions (IMDG) : T13 Tank special provisions (IMDG) : T13 Tank instructions (IMDG) : T13 Tank special provisions (IMDG) : A - Air transport PCA Excepted quantities (IATA) : E1 PCA Limited quantities (IATA) : Skg CAO packing instructions (IATA) : A ERG code (ATA) : A - Inland waterwat transport Classification code (ADN) : C10 Special provisions (ADN) : Z74 Limited quantities (ADN) : C10 Special provisions (ADN) : C10 Special provisions (ADN) : C10 Special provisions (ADN) : C10 Special provisions (ADN) : PP, EP Number of blue cones/lights (ADN) : PP, EP Number of blue cones/lights (ADN) : PP, EP		
Excepted quantities (ADR):E1Packing instructions (ADR):P002, IBC08, LP02, R001Special packing provisions (ADR):MP10Portable tank and bulk container instructions:T1(ADR):MP10Portable tank and bulk container special:T933provisions (ADR):SGAV, L4BNVehicle for tank carriage:ATTransport category (ADR):3Special provisions for carriage - Bulk (ADR):VC1, VC2, AP7Hazard identification number (Kemler No.):80Orange plates: <b>80</b> Tunnel restriction code (ADR):EEAC code:2X- Transport by sea:Special provisions (IMDG)Special provisions (IMDG)::23, 274Limited quantities (IMDG)::5 kgExcepted quantities (IMDG)::18C08IBC special provisions (IMDG)::18C08IBC special provisions (IMDG)::171Tank special provisions (IMDG)::1733Tank instructions (IMDG)::FAEmS-No. (Fire)::S-BStowage category (IMDG)::A-:::PCA Excepted quantities (IATA)::PCA inited quantity max net quantity (IATA)::PCA acking instructions (IATA)::PCA acking instructions (IATA) <t< td=""><td></td><td></td></t<>		
Packing instructions (ADR): P002, IBC08, LP02, R001Special packing provisions (ADR): B3Mixed packing provisions (ADR): MP10Portable tank and bulk container instructions: T1(ADR): SGAV, L4BNPortable tank and bulk container special: TP33provisions (ADR): SGAV, L4BNVehicle for tank carriage: ATTransport category (ADR): 3Special provisions for carriage - Bulk (ADR): VC1, VC2, AP7Hazard identification number (Kemler No.): 80Orange plates:Tunnel restriction code (ADR): EEAC code: 2X- Transport by seaSpecial provisions (IMDG): E1Packing instructions (IMDG): B1Packing instructions (IMDG): B1Packing instructions (IMDG): B3Tank instructions (IMDG): T11Tank special provisions (IMDG): B3Tank instructions (IMDG): T11Tank special provisions (IMDG): T13Tank special provisions (IMDG): T11Tank special provisions (IMDG): T11Tank special provisions (IMDG): FAEmS-No. (Spillage): S-BStowage category (IMDG): A- Air transport: S46CAC max net quantity (IATA): S60PCA Limited quantities (IATA): S45PCA limited quantities (IATA): S45PCA max net quantity (IATA): S46CAO max net quantity (IATA): S46CAO max net quantity (IATA)		6
Special packing provisions (ADR):B3Mixed packing provisions (ADR):MP10Portable tank and bulk container instructions:T1Portable tank and bulk container special:TP33provisions (ADR):SGAV, L4BNVehicle for tank carriage:ATTrans code (ADR):3Special provisions for carriage:ATTransport category (ADR):80Orange plates:80Tunnel restriction code (ADR):EEAC code:2X- Transport by seaSpecial provisions (IMDG):5 kgExcepted quantities (IMDG):5 kgExcepted quantities (IMDG):E1Packing instructions (IMDG):IBC08IBC special provisions (IMDG):T1Tank special provisions (IMDG):E1PCA Excepted quantities (IATA):S45PCA imited quantities (IATA):S45PCA imited quantities (IATA):S46PCA code in structions (IATA):S46PCA code instructions (IATA):S45PCA imited quantities (IATA): <td< td=""><td></td><td></td></td<>		
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	Equipment required (ADN)	: PP, EP
18/01/2018 GB - en	Number of blue cones/lights (ADN)	: 0
	18/01/2018	GB - en

## Safety Data Sheet

according to Regulation (EU) 2015/830

### - Rail transport

Classification code (RID)	: C10
Special provisions (RID)	: 274
Limited quantities (RID)	: 5kg
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P002, IBC08, LP02, R001
Special packing provisions (RID)	: B3
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T1
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAV, L4BN
Transport category (RID)	: 3
Special provisions for carriage – Bulk (RID)	: VC1, VC2, AP7
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 80

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

#### Not applicable

### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

Contains no REACH Annex XIV Substances

#### Detergent Regulation : Ingredient data sheet:

Component	CAS No	%
PENTASODIUM TRIPHOSPHATE	7758-29-4	>=10%
SODIUM METASICATE PENTAHYDRATE	10213-79-3	>=10%
SODIUM CHLORIDE	7647-14-5	>=10%
SODIUM HYDROXIDE	1310-73-2	1 - 10%
troclosene sodium	2893-78-9	0.1 - 1%
ADIPIC ACID	124-04-9	0.1 - 1%
SODIUM CARBONATE	497-19-8	<0.1%

### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### **SECTION 16: Other information**

Changes from Previous version:

- UFI number added in section 1.1
- P-Statements added in Section 2.2

### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
PBT	Persistent Bioaccumulative Toxic	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rai	

## Safety Data Sheet

according to Regulation (EU) 2015/830

SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Ox. Sol. 2	Oxidising Solids, Category 2
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H272	May intensify fire; oxidiser
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

#### SDS EU (Reach Annex II) GREEN

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product