

1212 - SDS ≥95% RTECS: WT1050000



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

CAS:

1212 - SDS ≥95% RTECS: WT1050000 Sodium dodecyl sulphate (powder) 151-21-3

Other means of identification:

Non-applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant uses: For use in laboratory and production. Not for human or animal use. . For professional users only.

Uses advised against (Professional users): Not for human or animal use

1.3 Details of the supplier of the safety data sheet:

GERBU Biotechnik GmbH
69123 Heidelberg - Germany
Phone: +49 6221 7264167
safety@gerbu.de
www.aerbu.de

1.4 Emergency telephone number: Toxicological Information Freiburg +49 (0) 761 19240

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

GBCLP Regulation:

Classification of this product has been carried out in accordance with GB CLP Regulation.

Acute Tox. 4: Acute toxicity, Category 4, H302+H332 Eye Dam. 1: Serious eye damage, Category 1, H318 Flam. Sol. 2: Flammable solids, Category 2, H228 Skin Irrit. 2: Skin irritation, Category 2, H315 STOT SE 3: Respiratory tract toxicity, single exposure, Category 3, H335

2.2 Label elements:

GBCLP Regulation:

Danger



Hazard statements:

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled. Eye Dam. 1: H318 - Causes serious eye damage. Flam. Sol. 2: H228 - Flammable solid. Skin Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H335 - May cause respiratory irritation. Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280: Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position 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. P370+P378: In case of fire: Use ABC powder extinguisher to put it out. P501: Dispose of the contents and/or its container in line with regulations on dangerous waste or packaging and waste packaging respectively. Other hazards:

Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Chemical description: Chemical substance

Components:

In accordance with Annex II of The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020, the product contains:

	Identification	Chemical name/Classification	Concentration		
CAS:	151-21-3	Sodium dodecyl sulphate (powder) Acute Tox. 4: H302+H332; Eye Dam. 1: H318; Flam. Sol. 2: H228; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
To ob	To obtain more information on the hazards of the substances consult sections 11, 12 and 16.				

3.2 Mixture:

Non-applicable

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product. By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply,etc.) requiring immediate medical assistance.

By skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

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Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).



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SECTION 5: FIREFIGHTING MEASURES (continued)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

Methods and material for containment and cleaning up:

It is recommended:

6.3

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

AVOID ANY IGNITION SOURCE, as well as combustible and/or inflammable material. Devices and systems must comply with the essential safety and health requirements and, with the minimum requirements for improving the health and safety protection of workers. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 8 ºC

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):

		Shortexposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Sodium dodecyl sulphate (powder)	Oral	Non-applicable	Non-applicable	Non-applicable	Non-applicable
CAS: 151-21-3	Dermal	Non-applicable	Non-applicable	4060 mg/kg	Non-applicable
EC: 205-788-1	Inhalation	Non-applicable	Non-applicable	285 mg/m ³	Non-applicable

DNEL (General population):

		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Sodium dodecyl sulphate (powder)	Oral	Non-applicable	Non-applicable	24 mg/kg	Non-applicable
CAS: 151-21-3	Dermal	Non-applicable	Non-applicable	2440 mg/kg	Non-applicable
EC: 205-788-1	Inhalation	Non-applicable	Non-applicable	85 mg/m ³	Non-applicable
PNEC:					
Identification					
Sodium dodecyl sulphate (powder)	STP	1.35 mg/L	Fresh water		0.176 mg/L
CAS: 151-21-3	Soil	1.29 mg/kg	Marine water		0.018 mg/L
EC: 205-788-1	Intermittent	0.055 mg/L	Sediment (Fresh	n water)	6.97 mg/kg
	Oral	Non-applicable	Sediment (Marin	ne water)	0.697 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding << UKCA marking>>. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection, ..) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Remarks
Mandatory respiratory tract protection	Filter mask for gases, vapours and particles	Replace when an increase in resistence to breathing is observed and/or a smell or taste of the contaminant is detected.

C.- Specific protection for the hands

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	Pictogram	PPE	Remarks
	Mandatory hand protection	Protective gloves against minor risks	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018
D	Eye and face prote	ection	
	Distances	DDE	Devente

	Pictogram	PPE	Remarks
	Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.
E	Body protection		



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Re	emarks		
Mandatorycomplete bodyprotection	Antistatic and fireproof protective clothing	Limited protect	tion against flames.		
Mandatory foot protection	Safety footwear with antistatic and heat resistant properties	Replace boots at a	iny sign of deterioration.		
Additional emergency measures					
Emergency mea	sure Standards	Emergency measure	Standards		

Emergency measure	Stanuarus	Emergency measure	Sidhuarus
*	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	∞ + ⊤	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011
Emergency shower		Eyewash stations	

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

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For complete information see the product datasheet.					
Appearance:					
Physical state at 20 ºC:	Solid				
Appearance:	Powdery				
Colour:	White				
Odour:	Not available				
Odour threshold:	Non-applicable *				
Volatility:					
Boiling point at atmospheric pressure:	Non-applicable *				
Vapour pressure at 20 ºC:	Non-applicable *				
Vapour pressure at 50 ºC:	Non-applicable *				
Evaporation rate at 20 °C:	Non-applicable *				
Product description:					
Density at 20 ºC:	1100 kg/m³				
Relative density at 20 ºC:	1.1				
Dynamic viscosity at 20 ºC:	Non-applicable *				
Kinematic viscosity at 20 ºC:	Non-applicable *				
Kinematic viscosity at 40 °C:	Non-applicable *				
Concentration:	Non-applicable *				
pH:	6 - 9 (at 10 %)				
Vapour density at 20 ºC:	Non-applicable *				
Partition coefficient n-octanol/water 20 °C:	Non-applicable *				
Solubility in water at 20 °C:	>150 kg/m³				
Solubility properties:	Non-applicable *				
Decomposition temperature:	Non-applicable *				
*Not relevant due to the nature of the product, not providing in	nformation property of its hazards.				

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SECTI	SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)				
I	Melting point/freezing point:	240 ºC			
	Flammability:				
ļ	Flash Point:	Non-applicable			
I	Flammability (solid, gas):	H228 Flammable solid.			
	Autoignition temperature:	Non-applicable *			
I	Lower flammability limit:	Not available			
I	Upper flammability limit:	Not available			
	Explosive (Solid):				
I	Lower explosive limit:	Non-applicable *			
I	Upper explosive limit:	Non-applicable *			
ļ	Particle characteristics:				
I	Median equivalent diameter:	Non-applicable *			
9.2	Other information:				
I	Information with regard to physical hazard classes:				
I	Explosive properties:	Non-applicable *			
(Oxidising properties:	Non-applicable *			
	Corrosive to metals:	Non-applicable *			
I	Heat of combustion:	Non-applicable *			
	Aerosols-total percentage (by mass) of flammable	Non-applicable *			
	components: Other safety characteristics:				
	Surface tension at 20 °C:	Non-applicable *			
	Refraction index:	Non-applicable *			
	*Not relevant due to the nature of the product, not providing information	on property of its hazards.			

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

	Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
	Precaution	Notapplicable	Risk of combustion	Avoid direct impact	Notapplicable
10.5	Incompatible materials:				
	Acids	Water	Oxidising materials	Combustible materials	Others
	Avoid strong acids	Notapplicable	Avoid direct impact	Notapplicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO_2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:



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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

- Corrosivity/Irritability: Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Produces skin inflammation.
 - Contact with the eyes: Produces serious eye damage after contact.
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.

- IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Causes irritation in respiratory passages, which is normally reversible and limited to the upper respiratory passages.

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as
 - hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Product-specific toxicological information:

	Acute toxicity	Genus		
LD50 oral	1200 mg/kg	Rat		
LD50 dermal	580 mg/kg	Rabbit		
Specific toxicology information on the substances:				

Identification	Acu	te toxicity	Genus
Sodium dodecyl sulphate (powder)	LD50 oral	1200 mg/kg	Rat
CAS: 151-21-3	LD50 dermal	Non-applicable	
	LC50 inhalation	1.5 mg/L (ATEi)	

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity:
 - Not available



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SECTION 12: ECOLOGICAL INFORMATION (continued)

- Not available
- 12.3 Bioaccumulative potential:
- Not available 12.4 Mobility in soil: Not available
- 12.5 Results of PBT and vPvB assessment: Product fails to meet PBT/vPvB criteria
- 12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Type of waste:

HP3 Flammable, HP5 Specific Target Organ Toxicity (STOT)/Aspiration Toxicity, HP6 Acute Toxicity, HP4 Irritant – skin irritation and eye damage

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of UK REACH the provisions related to waste management are stated:

UK legislation: The Waste Regulations 2011.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land: With regard to ADR 2021 and RID 2021

With regard to ADR 2021 and RID 2021:					
	14.1	UN number:	UN1325		
	14.2	UN proper shipping name:	FLAMMABLE SOLID, ORGANIC, N.O.S. (Sodium dodecyl sulphate (powder))		
	14.3	Transport hazard class(es):	4.1		
4		Labels:	4.1		
	14.4	Packing group:	III		
	14.5	Environmental hazards:	No		
	14.6	Special precautions for user			
		Tunnel restriction code:	E		
		Physico-Chemical properties:	see section 9		
		Limited quantities:	5 kg		
	14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable		
Transport of dangerous goods by sea:					

With regard to IMDG 40-20:



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SECTION 14: TRANSPORT INFORMATION (continued)

	14.1	UN number:	UN1325
	14.2	UN proper shipping name:	FLAMMABLE SOLID, ORGANIC, N.O.S. (Sodium dodecyl sulphate (powder))
	14.3	Transport hazard class(es):	4.1
		Labels:	4.1
	14.4	Packing group:	III
	14.5	Marine pollutant:	No
	14.6	Special precautions for user	
		Special regulations:	274, 915, 223
		EmS Codes:	F-A, S-G
		Physico-Chemical properties:	see section 9
		Limited quantities:	5 kg
		Segregation group:	Non-applicable
	14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable
Transport of dar	ngerou	s qoods by air:	
With regard to IA	TA/ICA	D 2022:	
	14.1	UN number:	UN1325
	14.2	UN proper shipping name:	FLAMMABLE SOLID, ORGANIC, N.O.S. (Sodium dodecyl sulphate (powder))
	14.3	Transport hazard class(es):	4.1
		Labels:	4.1
`\\$`	14.4	Packing group:	III
	14.5	Environmental hazards:	No
	14.6	Special precautions for user	
		Physico-Chemical properties:	see section 9
	14.7	Transport in bulk according to Annex II of Marpol and the IBC Code:	Non-applicable

SECTION 15: REGULATORY INFORMATION

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

- Substances listed in UK candidate list of substances of very high concern (SVHCs): Non-applicable - Substances listed in UK REACH Authorisation List (Annex 14): Non-applicable

The Control of Major Accident Hazards Regulations 2015:

Non-applicable

Restrictions to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII UK REACH, etc...):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020. The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations

2020.

Control of Substances Hazardous to Health Regulations 2002 (as amended) EH40/2005 Workplace exposure limits.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.



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SECTION 16: OTHER INFORMATION (continued)

Texts of the legislative phrases mentioned in section 2: H228: Flammable solid. H302+H332: Harmful if swallowed or if inhaled. H315: Causes skin irritation. H318: Causes serious eye damage. H335: May cause respiratory irritation. Texts of the legislative phrases mentioned in section 3: The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3 GBCLP Regulation: Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled. Eye Dam. 1: H318 - Causes serious eye damage. Flam. Sol. 2: H228 - Flammable solid. Skin Irrit. 2: H315 - Causes skin irritation. STOT SE 3: H335 - May cause respiratory irritation. Advice related to training: Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product. Principal bibliographical sources: http://echa.europa.eu http://eur-lex.europa.eu Abbreviations and acronyms: ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 LogPOW: Octanolwater partition coefficient Koc: Partition coefficient of organic carbon UFI: unique formula identifier IARC: International Agency for Research on Cancer

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheetonly refers to this product, which should not be used for needs other than those specified. - END OF SAFETY DATA SHEET -