

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/11

OxiFoam

Revision 4
Revision date 2022-11-22

	Revision date 2022-11-22
SECTION 1: Identification of	the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	OxiFoam
1.2. Relevant identified uses of t	he substance or mixture and uses advised against
Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
Description	Alkaline Cleaner.
1.3. Details of the supplier of the	safety data sheet
Company	Oxiflo Ltd
Address	Office M 11-17 Fowler Road Hainault Business Park Ilford Essex IG6 3UJ
Web	www.oxiflo.com
Telephone	07979 591112
Email address of the competent person	info@oxiflo.com
1.4. Emergency telephone numb	per
Emergency telephone number	07979 591112
	9.00am to 17.00pm
	For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)
	If you are a healthcare professional with an enquiry please visit www.TOXBASE.org
SECTION 2: Hazards identifi	cation
2.1. Classification of the substar	ice or mixture
2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;
2.2. I ahel elements	

2.2. Label elements

Hazard pictograms

Signal Word Danger

Hazard Statement Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

Revision 4
Revision date 2022-11-22

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Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
·	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.
SUPPLEMENTAL HAZARD INFORMATION	Ingredients as required by Regulation (EC) No 648/2004:. EDTA and salts thereof, 5 - 10% Anionic Surfactants, Less than 5% Amphoteric Surfactants, Less than 5% Non-Ionic Surfactants.
	Contains - Tetrasodium ethylene diamine tetraacetate, Amines, C12-14 (even numbered) -alkyldimethyl, N-oxides, Alcohols, C12-14, ethoxylated, sulfates, sodium salts, 2-butoxyethanol.
2.3. Other hazards	
Other hazards	This substance/mixture is not classified as PBT or vPvB according to current criteria. The substance/mixture does not contain substances with endocrine disrupting properties.
Further information	
	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Tetrasodium ethylene diamine tetraacetate		64-02-8	200-573-9	01-2119486762-27	1 - 10%	Acute Tox. 4: H302+H332; Eye Dam. 1: H318; STOT RE 2: H373;
Amines, C12-14 (even numbered) -alkyldimethyl, N-oxides		308062-28-4	931-292-6	01-2119490061-47	0.5 - 1%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411;
Alcohols, C12-14, ethoxylated, sulfates, sodium salts		68891-38-3	500-234-8	01-2119488639-16	1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412;
2-butoxyethanol	603-014-00-0	111-76-2	203-905-0	01-2119475108-36	1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides, CAS No. 308062-28-4 - M Factor (Acute) = 1.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses
	should be removed.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water to dilute ingested
	product.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	Risk of serious damage to eyes. Redness, irritation, tearing.

	Revision date 2022-11-2
4.2. Most important symptom	s and effects, both acute and delayed
Skin contact	Causes burns. Redness, Itching and swelling.
Ingestion	May cause irritation to mucous membranes.
4.3. Indication of any immedia	ate medical attention and special treatment needed
Inhalation	Move the exposed person to fresh air. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Seek medical attention. Show this safety data sheet to the doctor in attendance.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed. Seek medical attention. Show this safety data sheet to the doctor in attendance.
Skin contact	Remove contaminated clothing immediately. Rinse immediately with plenty of water. Seek medica attention. Show this safety data sheet to the doctor in attendance.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.
General information	·
	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
SECTION 5: Firefighting n	ngasuras
	icasui es
5.1. Extinguishing media	
	This product is not flammable . Use fire-extinguishing media appropriate for surrounding materials
5.2. Special hazards arising f	
	None known when handled correctly.
5.3. Advice for firefighters	
	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.
Further information	
	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
SECTION 6: Accidental re	lease measures
	otective equipment and emergency procedures
o. r. r oroonar proodutions, pro	Wear suitable protective equipment. Avoid contact with eyes and skin.
6.0. Environmental presentia	
6.2. Environmental precaution	
	Advise local authorities if large spills cannot be contained.
6.3. Methods and material for	containment and cleaning up
	For large spills:. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills:. Flush down the drain with plenty of water.
6.4. Reference to other section	ons
	See section 2, 7, 8, 13 for further information.
SECTION 7: Handling and	I storage
7.1. Precautions for safe hand	dlina
	Avoid contact with eyes and skin. Do not breathe vapours or spray mist. Adopt best Manual Handling considerations when handling, carrying and dispensing.
7.2. Conditions for safe storage	ge, including any incompatibilities
	Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children. Store in
	Sister in a deed, any area. Needs defination against oldered. Needs out of the reach of children. Ottole in

Revision 4
Revision date 2022-11-22

7.2. Conditions for safe storage, including any incompatibilities		
	original container.	
7.3. Specific end use(s)		
	Alkaline Cleaner.	
Suitable packaging		
	Plastic containers.	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

8.1.1. Exposure Limit Values

2-butoxyethanol	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	WEL 8-hr limit ppm: N/A	WEL 8-hr limit mg/m3:
,	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total	WEL 15 min limit mg/m3 total
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total	WEL 15 min limit mg/m3 total
	respirable dust:	respirable dust:
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	WEL 8-hr limit ppm: N/A	WEL 8-hr limit mg/m3:
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
	WEL 8-hr limit mg/m3 total	WEL 15 min limit mg/m3 total
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total	WEL 15 min limit mg/m3 total
	respirable dust:	respirable dust:
sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 2
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	respirable dust:	respirable dust:

DNEL: Derived no-effect level.

Exposure Pattern - Workers

Revision 4
Revision date 2022-11-22

Exposure Pattern - Workers

2-butoxyethanol	Acute inhalation - Systemic effects	1091 mg/m³	
	Acute inhalation - Local effects	246 mg/m³	Acute dermal - Systemic effects 89 mg/kg
	Long-term - inhalation - Systemic effects	98 mg/m³	Long-term - dermal - Systemic 125 mg/kg effects
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Long-term - inhalation - Systemic effects	175 mg/m³	
	Long-term - dermal - Systemic effects	2750 mg/kg	
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	Long-term - inhalation - Systemic effects	6.2 mg/m³	
	Long-term - dermal - Systemic effects		
sodium hydroxide	Acute inhalation - Local effects	2 mg/m³	
	Acute dermal - Local effects	2 mg/kg	Long-term - inhalation - Local 1 mg/m³ effects
Tetrasodium ethylene diamine tetraacetate	Acute inhalation - Local effects	2.5 mg/m³	
	Long-term - inhalation - Local effects	2.5 mg/m³	

Exposure Pattern - General population

2-butoxyethanol	Acute inhalation - Systemic effects	426 mg/m³		
	Acute dermal - Systemic effects	89 mg/kg	Acute oral - Systemic effects	26.7 mg/kg
	Long-term - inhalation - Systemic effects	59 mg/m³	Long-term - inhalation - Local effects	147 mg/m³
	Long-term - dermal - Systemic effects	75 mg/kg	Long-term - oral - Systemic effects	6.3 mg/kg
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Long-term - inhalation - Systemic effects	52 mg/m³		
Sanatos, Socialii Sato	Long-term - dermal - Systemic effects	1650 mg/kg	Long-term - oral - Systemic effects	15 mg/kg
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	Long-term - inhalation - Systemic effects	1.53 mg/m³		
	Long-term - dermal - Systemic effects	5.5 mg/kg	Long-term - oral - Systemic effects	0.44 mg/kg
sodium hydroxide	Long-term - inhalation - Local effects	1 mg/m³		
Tetrasodium ethylene diamine tetraacetate	Acute inhalation - Local effects	1.5 mg/m³		
	Long-term - inhalation - Local effects	1.5 mg/m³	Long-term - oral - Systemic effects	25 mg/kg

8.2. Exposure controls







Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.

8.2.1. Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below there respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.

Revision 4
Revision date 2022-11-22

8.2. Exposure controls

controls

Eye / face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Skin protection - Handprotection	Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.
8.2.3. Environmental exposure	Prevent further leakage or spillage if safe to do so.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Characteristic
Odour threshold	No data available
pH	> 13
Melting point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative Vapour Density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	< 200 centipoise
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic	No data available
compounds)	

9.2.1. Information with regard to physical hazard classes

No data is available on this product.

9.2.2. Other safety characteristics

No data is available on this product.

SECTION 10: Stability and reactivity

10.1. Reactivity

10.1. Reactivity	
	Stable under normal conditions.
10.2. Chemical stability	
	Stable under normal conditions.
10.3. Possibility of hazardous re	actions
•	None Known.
10.4. Conditions to avoid	'
	Protect from frost. Avoid excessive heat for prolonged periods of time. Avoid storing in direct Sun Light.
10.5. Incompatible materials	
	Strong acids. Strong oxidising agents.
10.6. Hazardous decomposition	
•	No Hazardous decomposition products when stored and handled correctly.
OFOTION 44. Tools do als als als	
SECTION 11: Toxicological i	Information
11.1 Information on hazard class	ses
	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).
Acute toxicity	based on available data the classification criteria are not met. Oral ATE = >10,000 mg/kg.
	Dermal ATE = >10,000 mg/kg.
Skin corrosion/irritation	Inhalation - Dust/Mist ATE = >20 mg/l. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Extreme pH - ≥ 11.5.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	based on available data the classification criteria are not met.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	based on available data the classification criteria are not met.
Repeated or prolonged exposure	based on available data the classification criteria are not met.
11.1.2. Mixtures	.
	No data available.
11.1.3. Hazard Information	
	No data available.
11.1.4. Toxicological Information	ם

Revision 4
Revision date 2022-11-22

11.1.4. Toxicological Information

2-butoxyethanol	Dermal Rat LD50: 1100 mg/kg	Oral Rat LD50: 1300 mg/kg
	Inhalation Rat LC50/4 h: 11.0 mg/l	
Alcohols, C12-14, ethoxylated,	Dermal Rat LD50: > 2000 mg/kg	Oral Rat LD50: 2870 mg/kg
sulfates, sodium salts		
Amines, C12-14 (even	Dermal Rat LD50: > 2000 mg/kg	Oral Rat LD50: 1064 mg/kg
numbered)-alkyldimethyl,		
N-oxides		
sodium hydroxide	Oral Rat LD50: >500 mg/kg	
Tetrasodium ethylene diamine	Oral Rat LD50: 1780 mg/kg	Inhalation Rat LC50/4 h: 1.5 mg/l
tetraacetate		

11.2 Information on other hazards

No data is available on this product.

SECTION 12: Ecological information

12.1. Toxicity

2-butoxyethanol	Daphnia EC50/48h: 1550.0000 mg/l	Algae EC50/72h: 1840 mg/
	Rainbow trout LC50/96h: 1474 mg/l	
	EC50 for marine or freshwater >100.0000 mg/l	LC50 for marine or freshwater >100.0000 mg/l
	organisms	organisms
Alcohols, C12-14, ethoxylated,	Daphnia EC50/48h: 7.4000 mg/l	Fish LC50/96h: 7.1000 mg/l
sulfates, sodium salts		
	Algae EC50/72h: 27.7 mg/l	
Amines, C12-14 (even	Daphnia EC50/48h: 3.1000 mg/l	Fish LC50/96h: 2.6700 mg/l
numbered)-alkyldimethyl,		
N-oxides		
	Algae EC50/72h: 0.146 mg/l	
sodium hydroxide	Daphnia EC50/48h: 40.4 mg/l	Fish LC50/96h: 33.0000 mg/l
	Rainbow trout LC50/96h: 45.5 mg/l	Bluegill sunfish LC50/96h: 125 mg/l
Tetrasodium ethylene diamine	Daphnia EC50/48h: 101.0000 mg/l	Fish LC50/96h: 101.0000 mg/l
tetraacetate		
	Algae EC50/72h: 101 mg/l	

12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

Partition coefficient

OxiFoam No data available	Alcohols, C12-14, ethoxylated, 0.3 Log Pow
	sulfates, sodium salts
2-butoxyethanol 0.8 log P	sodium hydroxide No data available

12.4. Mobility in soil

This product is soluble in water.

12.5. Results of PBT and vPvB assessment

This substance/mixture is not classified as PBT or vPvB according to current criteria.

12.6 Endocrine disrupting properties

No data is available on this product.

12.7. Other adverse effects

	Revision date 2022-11-22
12.7. Other adverse effects	
	No data is available on this product.
SECTION 13: Disposal cons	siderations
13.1. Waste treatment methods	
	Dispose of waste and residues in accordance with local authority requirements.
General information	•
	Dispose of in compliance with all local and national requirements.
Disposal of packaging	•
	Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.
SECTION 14: Transport info	rmation
Hazard pictograms	
14.1. UN number	
	UN1760
14.2. UN proper shipping name	
	CORROSIVE LIQUID, N.O.S. (contains sodium hydroxide and EDTA)
14.3. Transport hazard class(es)
ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	<u> </u> -
14.4. Packing group	T
Packing group	
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
14.6. Special precautions for use	
	No additional special precautions.
14.7 Maritime Transport in bulk	
	Not applicable.
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	

Revision 4
Revision date 2022-11-22

IATA	
Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction	852
(Passenger)	
Maximum quantity	5 L

SECTION 15: Regulatory information

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

Regulations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Other information

Other information	
Revision	This document differs from the previous version in the following areas:.
	2 - Other hazards.
	2 - Further information.
	2 - SUPPLEMENTAL HAZARD INFORMATION.
	3 - 3.2. Mixtures.
	9 - 9.2.2. Other safety characteristics.
	9 - 9.2.1. Information with regard to physical hazard classes.
	10 - 10.2. Chemical stability.
	10 - 10.1. Reactivity.
	11 - Acute toxicity.
	11 - 11.2 Information on other hazards.
	12 - 12.1. Toxicity.

Data sources

Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008, as retained and amended in UK law.

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. - Extreme pH - ≥ 11.5.

Text of Hazard Statements in Section 3

Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled

Eye Dam. 1: H318 - Causes serious eye damage.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .

Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation.

12 - 12.6 Endocrine disrupting properties.

12 - 12.7. Other adverse effects.

15 - Regulations.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Other information	
	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Acute Tox. 4: H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled Eye Irrit. 2: H319 - Causes serious eye irritation.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.