



## SAFETY DATA SHEET

### 1L OCADO BIO LAUNDRY GEL

Compiled in Accordance with EU and GB REACH and CLP Regulations.

#### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

##### **1.1. Product identifier**

<b>Product name</b>	1L OCADO BIO LAUNDRY GEL
<b>Product number</b>	800-304-0044
<b>Internal identification</b>	D1005
<b>UFI</b>	UFI: K59P-VP6Y-N91T

##### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

<b>Identified uses</b>	Detergent.
<b>Uses advised against</b>	Not for Oral Consumption.

##### **1.3. Details of the supplier of the safety data sheet**

<b>Supplier</b>	OCADO Retail Ltd Hatfield Herts AL10 9EX <a href="http://www.ocado.com">www.ocado.com</a>
<b>Contact person</b>	Competent person responsible for content of safety data sheet: <a href="mailto:sds@coventrychemicals.com">sds@coventrychemicals.com</a>
<b>Manufacturer</b>	COVENTRY CHEMICALS LTD WOODHAMS RD SISKIN DRIVE COVENTRY CV3 4FX Tel: +44 (0) 2476639739 Fax: +44 (0) 2476639717 Email: <a href="mailto:sales@coventrychemicals.com">sales@coventrychemicals.com</a>

##### **1.4. Emergency telephone number**

<b>Emergency telephone</b>	+44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)
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<b>National emergency telephone number</b>	In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24
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#### **SECTION 2: Hazards identification**

##### **2.1. Classification of the substance or mixture**

###### **Classification (EC 1272/2008)**

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Eye Dam. 1 - H318
<b>Environmental hazards</b>	Not Classified

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## 2.2. Label elements

### Hazard pictograms



<b>Signal word</b>	Danger
<b>Hazard statements</b>	H318 Causes serious eye damage.
<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P280 Wear eye protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P404 Store in a closed container.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Contains</b>	C12-14-ALKYL ETHER SULFATES, ALCOHOLS, C12-14, ETHOXYLATED
<b>Detergent labelling</b>	5 - < 15% anionic surfactants, < 5% enzymes, < 5% non-ionic surfactants, < 5% optical brighteners, < 5% perfumes, < 5% polycarboxylates, Contains 2-Bromo-2-nitropropane-1, 3-diol, CITRONELLOL

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>C12-14-ALKYL ETHER SULFATES</b>	<b>5-10%</b>
CAS number: 68891-38-3	EC number: 500-234-8
REACH registration number: 01-2119488639-16-XXXX	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
<b>ALCOHOLS, C12-14, ETHOXYLATED</b>	<b>1-5%</b>
CAS number: 68439-50-9	EC number: 500-213-3
REACH registration number: 01-2119487984-16-XXXX	
M factor (Acute) = 1	
<b>Classification</b>	
Eye Dam. 1 - H318	
Aquatic Acute 1 - H400	
Aquatic Chronic 3 - H412	

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<b>SODIUM CARBONATE</b>		1-5%
CAS number: 497-19-8	EC number: 207-838-8	REACH registration number: 01-2119485498-19-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Eye Irrit. 2 - H319	Xi;R36	
<b>MONOPROPYLENE GLYCOL</b>		<1%
CAS number: 57-55-6	REACH registration number: 01-2119456809-23-XXXX	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Not Classified	-	
<b>BRONOPOL (INN)</b>		<1%
CAS number: 52-51-7	EC number: 200-143-0	REACH registration number: 01-2119980938-15-XXXX
M factor (Acute) = 10		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn;R21/22 Xi;R37/38,R41 N;R50	
Acute Tox. 4 - H312		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Provide eyewash station.
<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

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

<b>General information</b>	Provide eyewash station.
<b>Inhalation</b>	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

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<b>Ingestion</b>	Unlikely exposure route without abuse. Symptoms will include, Sickness, possible Irritation of GI Tract. A soapy taste may be reported.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin. May cause sensitisation or allergic reactions in sensitive individuals.
<b>Eye contact</b>	Risk of serious damage to eyes.

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

<b>Notes for the doctor</b>	Rinse eye to neutral pH including under eye lids. Check eye surface for damage. Contains Proteolytic Enzymes, check for skin rash.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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### **5.2. Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.
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### **5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
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<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground. (Comment applies to neat product, not in use solutions.)
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.
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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

<b>Usage precautions</b>	Avoid spilling. Avoid contact with eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Do not mix with other household chemical products. Do not mix with Bleach.
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<b>Advice on general occupational hygiene</b>	Good personal hygiene procedures should be implemented.
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### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Keep out of the reach of children.

### **7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: Exposure controls/Personal protection**

### **8.1. Control parameters**

#### **Occupational exposure limits**

##### **MONOPROPYLENE GLYCOL**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m<sup>3</sup> total vapour and particulates

WEL = Workplace Exposure Limit.

### **C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)**

#### **DNEL**

Workers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2750 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day  
 Consumer - Oral; Long term systemic effects: 15 mg/kg/day

#### **PNEC**

- Fresh water; 0.24 mg/l
- marine water; 0.024 mg/l
- Intermittent release; 0.071 mg/l
- Sediment, Fresh water; 0.917 mg/kg
- Sediment, marine water; 0.092 mg/kg
- Soil; 7.5 mg/kg
- STP; 10,000 mg/l

### **ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)**

#### **DNEL**

Workers - Inhalation; Long term systemic effects: 294 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 2080 mg/kg/day  
 General population - Inhalation; Long term systemic effects: 87 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 1250 mg/kg/day  
 General population - Oral; Long term systemic effects: 25 mg/kg/day

#### **PNEC**

- Fresh water; 0.0437 mg/l
- Intermittent release; 0.004 mg/l
- STP; 10 mg/l
- Sediment (Freshwater); 31 mg/kg
- Sediment (Marinewater); 31 mg/kg
- Soil; 1 mg/kg

### **SODIUM CARBONATE (CAS: 497-19-8)**

#### **DNEL**

Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

### **MONOPROPYLENE GLYCOL (CAS: 57-55-6)**

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<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 168 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 10 mg/m <sup>3</sup> General population - Inhalation; Long term systemic effects: 50 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 10 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 260 mg/l - Intermittent release; 183 mg/l - marine water; 26 mg/l - STP; 20000 mg/l - Sediment (Freshwater); 572 mg/kg - Sediment (Marinewater); 57.2 mg/kg - Soil; 50 mg/kg

### BRONOPOL (INN) (CAS: 52-51-7)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 4.1 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 12.3 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 4.2 mg/m <sup>3</sup> Workers - Inhalation; Short term local effects: 4.2 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day Workers - Dermal; Short term systemic effects: 7 mg/kg/day Workers - Dermal; Long term local effects: 0.013 mg/cm <sup>2</sup> Workers - Dermal; Short term local effects: 0.013 mg/cm <sup>2</sup> General population - Inhalation; Long term systemic effects: 1.2 mg/m <sup>3</sup> General population - Inhalation; Short term systemic effects: 3.7 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 1.3 mg/m <sup>3</sup> General population - Inhalation; Short term local effects: 1.3 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 1.4 mg/kg/day General population - Dermal; Short term systemic effects: 4.2 mg/kg/day General population - Dermal; Long term local effects: 0.008 mg/cm <sup>2</sup> General population - Dermal; Short term local effects: 0.008 mg/cm <sup>2</sup> General population - Oral; Long term systemic effects: 0.35 mg/kg/day General population - Oral; Short term systemic effects: 1.1 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.01 mg/l - marine water; 0.008 mg/l - Intermittent release; 0.0025 mg/l - STP; 0.43 mg/l - Sediment (Freshwater); 0.041 mg/kg - Sediment (Marinewater); 0.00328 mg/kg - Soil; 0.5 mg/kg

### VIOBRITE CBS (CAS: 27344-41-8)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 20.5 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 53 mg/kg/day General population - Inhalation; Long term systemic effects: 3.4 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 19 mg/kg/day General population - Oral; Long term systemic effects: 1.9 mg/kg/day
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## 8.2. Exposure controls

### Protective equipment



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<b>Appropriate engineering controls</b>	Provide adequate ventilation.
<b>Eye/face protection</b>	In normal use the need for eye protection is not anticipated, unless a risk assessment suggests splashing is reasonably probable. During the manufacture and filling of this product eye protection is recommended refer to EN166.
<b>Hand protection</b>	During Manufacture and Filling operations use of hand protection is recommended. Gloves with a breakthrough time of >60 minutes are recommended. Refer to standard EN374 for compatible materials. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Neoprene. Nitrile rubber.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.
<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented.
<b>Respiratory protection</b>	Respiratory protection not required.

### **SECTION 9: Physical and chemical properties**

#### **9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Liquid.
<b>Colour</b>	White.
<b>Odour</b>	Floral.
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	8 - 10 (Concentrated)
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	90 - 105 Degrees C.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	1.02 - 1.07 @20 Degrees C.
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	~1500cps @ 20 Degrees C.

## 1L OCADO BIO LAUNDRY GEL

<b>Explosive properties</b>	Not applicable.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	Information given is applicable to the product as supplied.

### 9.2. Other information

<b>Other information</b>	Not relevant.
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## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

<b>Reactivity</b>	Under normal storage conditions this product is stable.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Mixing with bleach could cause dangerous heating of the solution.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures or direct sunlight.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid contact with the following materials: Hypochlorite bleach products.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
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## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	No information available.
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### Skin sensitisation

<b>Skin sensitisation</b>	May cause sensitisation or allergic reactions in sensitive individuals.
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<b>General information</b>	This product has low toxicity.
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<b>Inhalation</b>	Unlikely route of exposure, but in abuse use, vapours may irritate the throat and nose.
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<b>Ingestion</b>	Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
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<b>Skin contact</b>	Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.
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<b>Eye contact</b>	May cause serious eye damage.
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## **SECTION 12: Ecological information**

<b>Ecotoxicity</b>	Not regarded as dangerous for the environment.
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## 1L OCADO BIO LAUNDRY GEL

### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not applicable.

### 12.4. Mobility in soil

**Mobility** The product is water-soluble and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**General information** Do not discharge into drains or watercourses or onto the ground.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Normal use solutions are expected to be flushed to sewers. Reuse or recycle products wherever possible.

## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

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

## 1L OCADO BIO LAUNDRY GEL

Transport in bulk according to Not applicable.  
 Annex II of MARPOL 73/78  
 and the IBC Code

### SECTION 15: Regulatory information

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

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). GB (UK) CLP and REACH Regulations. EH40/2005 Workplace exposure limits.
EU legislation	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) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended). Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments. Commission Regulation (EU) No 2015/830 of 28 May 2015.
Guidance	Workplace Exposure Limits EH40. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets. COSHH Essentials. Technical Guidance WM2: Hazardous Waste.

#### 15.2. Chemical safety assessment

No information available.

### SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	DNEL: Derived No Effect Level. PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
Revision comments	Inclusion of Manufacturers Details in section 1.
Revision date	18/08/2021
Revision	2
SDS number	21643

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**Hazard statements in full**

H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.----- END OF SDS -----