



## SAFETY DATA SHEET

### 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

##### 1.1. Product identifier

Product name	500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011
Product number	800-302-0002, 425085011
Container size	500mL
UFI	UFI: EFSV-V7VR-TQ7X-P474

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

Identified uses	Caustic drain cleaner. Detergent.
Uses advised against	Not for Oral Consumption.

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

Supplier	OCADO Retail Ltd Hatfield Herts AL10 9NE www.ocado.com
Contact person	For content of safety data sheet: ocado@ocado.com
Manufacturer	MIRIUS™ A Coventry Group Company Woodhams Road, Siskin Drive, Coventry, England, CV3 4FX www.mirius.com info@mirius.com +442476639739

##### 1.4. Emergency telephone number

Emergency telephone	Help Centre 0345 656 1234 07:00am - Midnight 7 days a week
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##### National emergency telephone UK:

number	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 (SI 2019 No. 720)

Physical hazards	Met. Corr. 1 - H290
Health hazards	Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412

##### 2.2. Label elements

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

### Hazard pictograms



**Signal word** Danger

### Hazard statements

H290 May be corrosive to metals.  
 H314 Causes severe skin burns and eye damage.  
 H412 Harmful to aquatic life with long lasting effects.

### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P234 Keep only in original packaging.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P273 Avoid release to the environment.  
 P261 Avoid breathing vapour/ spray.  
 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 or 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.  
 P310 Immediately call a POISON CENTER/ doctor.  
 P501 Dispose of contents/ container in accordance with national regulations.

### Supplemental label information

EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).

### Contains

SODIUM HYDROXIDE, C12-14 ALKYL ETHER SULFATES, SODIUM HYPOCHLORITE

### Detergent labelling

< 5% anionic surfactants, < 5% chlorine-based bleaching agents

### Supplementary precautionary statements

P103 Read label before use.  
 P264 Wash contaminated skin thoroughly after handling.  
 P390 Absorb spillage to prevent material damage.  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >0.1% published by the European Chemicals Agency (ECHA) under article 57 of the REACH regulation (as amended). This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>SODIUM HYDROXIDE</b>	<b>1-5%</b>
CAS number: 1310-73-2	EC number: 215-185-5
<b>Classification</b>	
Met. Corr. 1 - H290	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

<b>SODIUM HYPOCHLORITE</b>		1-5%
CAS number: 7681-52-9	EC number: 231-668-3	
M factor (Acute) = 10	M factor (Chronic) = 1	
<b>Classification</b>		
Ox. Liq. 2 - H272 Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

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>	Get medical attention immediately. Provide eyewash station and safety shower.
<b>Inhalation</b>	Remove affected person from source of contamination. Get medical attention immediately.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of water to drink. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Chemical burns must be treated by a physician. Get medical attention immediately.
<b>Inhalation</b>	Severe irritation of nose and throat. May cause an asthma-like shortness of breath. Mixing with acid will liberate toxic Chlorine Gas.
<b>Ingestion</b>	This product is corrosive. Small amounts may cause serious damage. May cause chemical burns in mouth, oesophagus and stomach.
<b>Skin contact</b>	May cause serious chemical burns to the skin.
<b>Eye contact</b>	This product is corrosive. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. Prolonged contact causes serious eye and tissue damage. Corneal damage.

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

<b>Notes for the doctor</b>	Ensure skin and eyes are well rinsed to neutral pH. Check Mouth for evidence of irritation. Due to the potential for the production of Chlorine Gas, check for respiratory disorders.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

**Unsuitable extinguishing media** Control run-off water by containing and keeping it out of sewers and watercourses.

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards** Contact with some metals eg. aluminium, zinc can produce flammable hydrogen gas. Avoid contact with: Zinc. Aluminium.

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Control run-off water by containing and keeping it out of sewers and watercourses. Move containers from fire area if it can be done without risk.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

**For non-emergency personnel** Avoid contact with skin, eyes and clothing. Evacuate area. Wear self-contained breathing apparatus. Wear chemical protective suit. PVC or rubber gloves are recommended.

**For emergency responders** Keep unprotected persons away.

### **6.2. Environmental precautions**

**Environmental precautions** Avoid release to the environment. Use appropriate containment to avoid environmental contamination. Avoid discharge into drains or watercourses or onto the ground.

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Do not touch or walk into spilled material. Stop leak if safe to do so. Small Spillages: Flush away spillage with plenty of water. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Do not use sawdust or other combustible material. Flush contaminated area with plenty of water. Collect and place in suitable waste disposal containers and seal securely.

### **6.4. Reference to other sections**

**Reference to other sections** For waste disposal, see Section 13. See Section 11 for additional information on health hazards. See Section 1 for emergency contact information.

## **SECTION 7: Handling and storage**

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

**Usage precautions** Avoid spilling. Do not breathe mist. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Wash hands thoroughly after handling. Do not mix with other chemicals or detergents. Do not mix with acid.

**Advice on general occupational hygiene** Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Store in tightly-closed, original container in a well-ventilated place. Store away from the following materials: Acids. Oxidising materials.

**Storage class** Corrosive storage.

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### 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

###### **SODIUM HYDROXIDE**

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

###### **SODIUM HYPOCHLORITE**

Short-term exposure limit (15-minute): WEL 0.5 ppm 1.5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

**DNEL** Industry - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup>  
Consumer - Inhalation; Long term local effects: 1.0 mg/m<sup>3</sup>

#### 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

#### SODIUM HYPOCHLORITE (CAS: 7681-52-9)

**DNEL** Industry - Inhalation; Long term local effects: 1.55 mg/m<sup>3</sup>  
Industry - Inhalation; Long term systemic effects: 1.55 mg/m<sup>3</sup>  
Industry - Inhalation; Short term local effects: 3.1 mg/m<sup>3</sup>  
Industry - Inhalation; Short term systemic effects: 3.1 mg/m<sup>3</sup>  
Consumer - Inhalation; Long term local effects: 1.55 mg/m<sup>3</sup>  
Consumer - Inhalation; Long term systemic effects: 1.55 mg/m<sup>3</sup>  
Consumer - Inhalation; Short term local effects: 3.1 mg/m<sup>3</sup>  
Consumer - Inhalation; Short term systemic effects: 3.1 mg/m<sup>3</sup>  
Consumer - Oral; Long term systemic effects: 0.26 mg/kg/day

**PNEC**  
- Fresh water; 0.00021 mg/l  
- marine water; 0.000042 mg/l  
- Intermittent release; 0.00026 mg/l  
- STP; 4.69 mg/l  
- ;

### 8.2. Exposure controls

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

### Personal protection

This is not a Risk/COSHH assessment. Information contained in this document should be used to conduct a risk assessment.

Information given in this document relates to the neat product as supplied. In use solutions are likely to have extreme pH values, thus use of gloves and eye protection is recommended where the assessment indicates a risk of exposure.

### Eye/face protection

During the manufacture and filling of this product eye protection is recommended refer to EN166. Personal protective equipment that provides appropriate eye and face protection should be worn. In normal use the need for eye protection is not anticipated, unless a risk assessment suggests splashing is reasonably probable.

### Hand protection

Wear protective gloves. Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC). To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. A break through time of >60 minutes is suggested. Gloves should be inspected regularly for damage.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated.

### Respiratory protection

No specific recommendations.

### Environmental exposure controls

Avoid releasing into the environment. Note: Comment applies to the concentrated product as supplied, not normal use solutions. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	Chlorine.
<b>Odour threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): >11
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	Not determined but expected to be >90 Degrees C.
<b>Flash point</b>	This product does not sustain combustion.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	Product is not considered to be flammable nor explosive

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<b>Other flammability</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	1.04-1.06 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not technically possible for a mixture.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	1000-2000 cP @ 20°C
<b>Explosive properties</b>	Not considered to be explosive.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
<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>	In contact with some metals can generate hydrogen gas, which can form explosive mixtures with air. Avoid contact with the following materials: Aluminium. Zinc. Tin. Acids. Contact with acids liberates toxic chlorine gas.
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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>	Contact with acids liberates toxic chlorine gas. The following materials may react violently with the product: Chlorohydrocarbons. Generates toxic gas in contact with acid. Reactions with the following materials may generate heat: Water.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid excessive heat for prolonged periods of time.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Acids. Ammonia. Chlorinated hydrocarbons. Aluminium. Tin. Zinc.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Hydrogen. Oxygen. Contact with acids liberates toxic chlorine gas.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

<b>Toxicological effects</b>	Information given is based on data of the components and of similar products.
<b>Acute toxicity - oral</b>	
<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity - dermal</b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>Acute toxicity - inhalation</b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>Skin corrosion/irritation</b>	
<b>Skin corrosion/irritation</b>	Corrosive to skin.
<b>Serious eye damage/irritation</b>	
<b>Serious eye damage/irritation</b>	Corrosivity to eyes is assumed.
<b>Respiratory sensitisation</b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
<b>Skin sensitisation</b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity</b>	
<b>Genotoxicity - in vitro</b>	Does not contain any substances known to be mutagenic.
<b>Carcinogenicity</b>	
<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b>Reproductive toxicity</b>	
<b>Reproductive toxicity - fertility</b>	Does not contain any substances known to be toxic to reproduction.
<b>Specific target organ toxicity - single exposure</b>	
<b>STOT - single exposure</b>	Not classified as a specific target organ toxicant after a single exposure.
<b>Specific target organ toxicity - repeated exposure</b>	
<b>STOT - repeated exposure</b>	Not classified as a specific target organ toxicant after repeated exposure.
<b>General information</b>	Corrosive to skin and eyes.
<b>Inhalation</b>	Spray/mists may cause respiratory tract irritation. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Note:- Contact with acid will produce Chlorine Gas, this may result in breathing difficulties.
<b>Ingestion</b>	May cause burns in mucous membranes, throat, oesophagus and stomach.
<b>Skin contact</b>	May cause serious chemical burns to the skin. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Causes burns. A single exposure may cause the following adverse effects: Corneal damage. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.
<b>11.2 Information on other hazards</b>	
<b>11.2.1. Endocrine disrupting properties</b>	This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

### 11.2.2 Other information      None known

#### Toxicological information on ingredients.

##### SODIUM HYDROXIDE

###### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>      2,000.0  
mg/kg)

Species      Rat

###### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.1  
mg/kg)

Species      Rabbit

###### Skin corrosion/irritation

Skin corrosion/irritation      Burning pain and severe corrosive skin damage.

###### Serious eye damage/irritation

Serious eye damage/irritation      Causes serious eye damage.

###### Skin sensitisation

Skin sensitisation      Not sensitising.

##### C12-14 ALKYL ETHER SULFATES

###### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>      4,100.0  
mg/kg)

Species      Rat

ATE oral (mg/kg)      4,100.0

###### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,001.0  
mg/kg)

Species      Rat

ATE dermal (mg/kg)      2,001.0

##### SODIUM HYPOCHLORITE

###### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>      8,910.0  
mg/kg)

Species      Rat

Notes (oral LD<sub>50</sub>)      REACH dossier information.

ATE oral (mg/kg)      8,910.0

###### Acute toxicity - dermal

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

**Acute toxicity dermal (LD<sub>50</sub> 2,001.0 mg/kg)**

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

**Skin corrosion/irritation**

**Animal data** Corrosive to skin. REACH dossier information. Dose: LD50 = 20g/kg bw, 2 days, Rabbit

**Serious eye damage/irritation**

**Serious eye damage/irritation** Corrosivity to eyes is assumed.

**Respiratory sensitisation**

**Respiratory sensitisation** Not sensitising.

**Skin sensitisation**

**Skin sensitisation** Not sensitising.

**Germ cell mutagenicity**

**Genotoxicity - in vivo** REACH dossier information. Negative.

**Carcinogenicity**

**Carcinogenicity** Based on available data the classification criteria are not met.

**Reproductive toxicity**

**Reproductive toxicity - fertility** REACH dossier information. No evidence of reproductive toxicity in animal studies.

### SECTION 12: Ecological information

**Ecotoxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Note: Comment refers to the neat product. Normal use solutions are not classified as environmentally harmful.

**Ecological information on ingredients.**

#### **SODIUM HYDROXIDE**

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

**12.1. Toxicity**

**Toxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. The product contains a substance which is harmful to aquatic organisms.

**Acute aquatic toxicity**

**Acute toxicity - aquatic plants** May cause long lasting harmful effects to aquatic life.

**Acute toxicity - terrestrial** Can cause damage to vegetation.

**Ecological information on ingredients.**

#### **SODIUM HYDROXIDE**

**Acute aquatic toxicity**

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

<b>Acute toxicity - fish</b>	REACH dossier information. LC <sub>50</sub> , 96 hours: < 180 mg/l, Freshwater fish
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 40.4 mg/l, Freshwater invertebrates
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - fish early life stage</b>	Not available.
<b>Chronic toxicity - aquatic invertebrates</b>	Not available.

### C12-14 ALKYL ETHER SULFATES

<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 7.1 mg/l, Brachydanio rerio (Zebra Fish) REACH dossier information.
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 7.2 mg/l, Daphnia magna REACH dossier information.
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - fish early life stage</b>	NOEC, 28 days: 0.14 mg/l, Oncorhynchus mykiss (Rainbow trout) REACH dossier information.
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days: 0.27 mg/l, Daphnia magna REACH dossier information.

### SODIUM HYPOCHLORITE

<b><u>Acute aquatic toxicity</u></b>	
<b>LE(C)<sub>50</sub></b>	0.01 < L(E)C50 ≤ 0.1
<b>M factor (Acute)</b>	10
<b>Acute toxicity - fish</b>	EC <sub>50</sub> , 96 hours: 0.01-0.1 mg/l,
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.01-0.1 mg/l, Daphnia magna
<b>Acute toxicity - microorganisms</b>	LOEC, : 0.375 mg/l, Activated sludge
<b><u>Chronic aquatic toxicity</u></b>	
<b>NOEC</b>	0.001 < NOEC ≤ 0.01
<b>Degradability</b>	Rapidly degradable
<b>M factor (Chronic)</b>	1

### 12.2. Persistence and degradability

**Persistence and degradability** The product contains inorganic substances which are not biodegradable. May accumulate in soil and sediment. Substantially removed in biological treatment processes. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

### Ecological information on ingredients.

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

### SODIUM HYDROXIDE

**Persistence and degradability** The product contains inorganic substances which are not biodegradable.

### C12-14 ALKYL ETHER SULFATES

**Biodegradation** Expected to be readily biodegradable.  
Water - Degradation 100%: 28 days  
REACH dossier information.

### SODIUM HYPOCHLORITE

**Stability (hydrolysis)** Water  
- Half-life 10% NaOCL: 220 days @ 25°C  
- Half-life 5% NaOCL: 790 days @ 25°C  
REACH dossier information.

**Biodegradation** The methods for determining the biological degradability are not applicable to inorganic substances.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Not technically possible for a mixture.

### Ecological information on ingredients.

### SODIUM HYDROXIDE

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

### C12-14 ALKYL ETHER SULFATES

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** log Pow: ~ 0.3 REACH dossier information.

### SODIUM HYPOCHLORITE

**Bioaccumulative potential** Low potential for bioaccumulation.

**Partition coefficient** log Kow: -3.4174 REACH dossier information.

### 12.4. Mobility in soil

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

### Ecological information on ingredients.

### SODIUM HYDROXIDE

**Mobility** The product is soluble in water.

### C12-14 ALKYL ETHER SULFATES

**Mobility** The product is soluble in water.

**Adsorption/desorption coefficient** - Log Koc: 0.34 @ °F

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

### SODIUM HYPOCHLORITE

**Henry's law constant** 0.076 @ 20°C

#### 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. Endocrine disrupting properties**

**Endocrine disrupting properties** This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

#### Ecological information on ingredients.

### SODIUM HYDROXIDE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

### C12-14 ALKYL ETHER SULFATES

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

### SODIUM HYPOCHLORITE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current UK criteria.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

#### Ecological information on ingredients.

### SODIUM HYDROXIDE

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with national/local regulations Normal use solutions are expected to be flushed to sewers.

## SECTION 14: Transport information

**Road transport notes** As supplied, this product is consigned under the Limited Quantities provisions.

### 14.1. UN number

**UN No. (ADR/RID)** 1760

**UN No. (IMDG)** 1760

**UN No. (ICAO)** 1760

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

UN No. (ADN) 1760

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)
Proper shipping name (IMDG)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)
Proper shipping name (ICAO)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)
Proper shipping name (ADN)	CORROSIVE LIQUID, N.O.S. (CONTAINS SODIUM HYDROXIDE, SODIUM HYPOCHLORITE)

### 14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID classification code	C9
ADR/RID label	8
IMDG class	8
ICAO class/division	8
ADN class	8

### Transport labels



### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
ADN packing group	II

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

EmS	F-A, S-B
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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

## 500ml OCADO SINK & DRAIN UNBLOCKER SKU 425085011

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** GB (UK) CLP and REACH Regulations.  
 The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).  
 Control of Pollution (Special Waste) Regulations 1980 (as amended).  
 The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
 EH40/2005 Workplace exposure limits.  
 The Hazardous Waste Regulations 2005.

#### EU legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)  
 European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
 European Regulation (EC) No 648/2004 on detergents (as amended).  
 Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.  
 Waste Material Code 91/689/EEC

**Guidance** Technical Guidance WM2: Hazardous Waste.  
 COSHH Essentials.  
 ECHA Guidance on the Application of the CLP Criteria.  
 ECHA Guidance on the compilation of safety data sheets.  
 Workplace Exposure Limits EH40.

#### 15.2. Chemical safety assessment

No information available.

### SECTION 16: Other information

**Abbreviations and acronyms used in the safety data sheet** EWC European Waste Catalogue  
 STOT RE = Specific target organ toxicity-repeated exposure  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 PNEC: Predicted No Effect Concentration.  
 DNEL: Derived No Effect Level.

**Revision comments** Inclusion of Manufacturers Details in section 1. Change in supplier contact details

**Revision date** 02/09/2024

**Revision** 4

**Supersedes date** 17/08/2021

**SDS number** 21788

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**Hazard statements in full**

H272 May intensify fire; oxidiser.  
H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
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.