

# SAFETY DATA SHEET

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

### 1.1 Product identifiers

Trade Name	Description	Unit	Code
Teepol	Degreaser	4 x 5L	0186

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

Foaming heavy duty bactericidal kitchen degreaser for spray application

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

Company	Teepol Products,		
Address	Harvey Waddington,	Telephone	01689 877020
	Murray Road,	Fax	01689 877027
	Orpington,	E-Mail	sales@teepol.co.uk
	Kent BR5 3QY		

**1.4 Emergency telephone number** +44 (0)1689 877020 (09:00 - 16:00 Monday to Friday)

## SECTION 2: HAZARD IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Eye. Dam. 1, H318

Skin. Irrit. 2, H315

### 2.2 Label elements

Signal Word: *Hazard Pictograms:*

DANGER

Hazard Statements:



H315 Causes skin irritation.

H318 Causes serious eye damage.

*Precautionary Statements:*

#### Disposal

P501 Dispose of contents/container to licensed waste disposal site.

#### Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

#### Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

### Storage

P102 Keep out of reach of children.

### **2.3 Other hazards**

EUH none                      None known

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### **3.2. Mixtures**

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount [%]</u>
<b>Sodium Hydroxide</b>	<b>011-002-00-6</b>	<b>1310-73-2</b>	<b>215-185-5</b>	<b>&lt;5</b>
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
Skin corrosion/irritation	Skin. Corr. 1A B C	H314 Skin corrosion/irritation		
Serious eye damage/irritation	Eye. Dam. 1	H318 Serious eye damage/irritation		
Corrosive to metals	Met. Corr. 1	H290 Corrosive to metals		

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount [%]</u>
<b>Sodium Alkyl Sulphate</b>		<b>72906-11-7</b>	<b>276-987-9</b>	<b>&lt;5</b>
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
Skin corrosion/irritation	Skin. Irrit. 2	H315 Skin corrosion/irritation		
Serious eye damage/irritation	Eye. Dam. 1	H318 Serious eye damage/irritation		
Hazardous to the aquatic environment	Aquatic Chronic 3	H412 Hazardous to the aquatic environment		
Acute toxicity	Acute. Tox. 4 - Oral	H302 Acute toxicity		

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount [%]</u>
<b>Triclosan</b>	<b>604-070-00-9</b>	<b>3380-34-5</b>	<b>222-182-2</b>	<b>&lt;1</b>
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
Skin corrosion/irritation	Skin. Irrit. 2	H315 Skin corrosion/irritation		
Serious eye damage/irritation	Eye. Irrit. 2	H319 Serious eye damage/irritation		
Hazardous to the aquatic environment	Aquatic Acute 1	H400 Hazardous to the aquatic environment		

## **SECTION 4: FIRST AID MEASURES**

### **4.1 Description of first aid measures**

#### **General Advice**

Remove contaminated clothing.

#### **After inhalation**

Ensure supply of fresh air and seek medical attention.

#### **After contact with skin**

Wash splashes from skin immediately. If skin becomes sore or inflamed seek medical attention.

#### **After contact with eyes**

Irrigate with water for 10 to 15 minutes until irritation subsides. If irritation persists seek medical attention.

#### **After ingestion:**

If conscious, give plenty of water to drink, do not induce vomiting, obtain medical attention immediately.

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

Eye and skin irritation

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

Rinse with clean water

## **SECTION 5: FIRE-FIGHTING MEASURES**

**5.1 Suitable extinguishing media:** This product is not flammable. Use fire extinguishing media appropriate for surrounding area.

**5.1 Unsuitable extinguishing media:** Not applicable.

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

May produce oxides of carbon, nitrogen, sodium and sulphur.

#### **5.3 Advice fo Fire Fighters**

Wear self-contained breathing apparatus and protective clothing as appropriate to the associated fire.

### **SECTION 6: ACCIDENTAL RELEASE MEAS**

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

Use appropriate PPE. Avoid breathing vapours if any and ensure adequate ventilation. Cordon off area to other personnel.

#### **6.2 Environmental precaution**

Do not allow to enter surface water drains, soil/subsoil.

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

Absorb with sand or binder and dispose of according to local regulations. Small spillages may be flushed to a foul drain.

**6.4 Reference to Other Sections:** See Section 8 and 13 for more information on exposure and disposal.

### **SECTION 7: HANDLING and STORAGE**

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

Provide good ventilation in working area. Wash hands after use and do not allow to enter surface water drains.

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

Store only in original containers out of reach of children. Storage temperature should be between 5°C and 30°C.

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

Use only as directed on the container or label.

### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **8.1 Control paramenters**

(Sodium Hydroxide) OES: TWA 8 hours-STEL 15 mins 2mg/m<sup>3</sup>.

#### **8.2 Exposure Controls**

Do not eat, drink or smoke whilst working and wash hands after use.

**Exposure Controls - Eyes:** Avoid contact with eyes. Wear suitable eye protection if appropriate.

**Exposure Controls - Skin:** Wear vinyl, latex or nitrile gloves.

**Exposure Controls - Respiratory** Avoid inhaling dust from dried material.

### **SECTION 9: PHYSICAL and CHEMICAL PROPERTIES**

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

**Appearance / Odour** Yellow odourless liquid. (Method: QP22)

**pH (10% soln.)** >12 (Method: QP03)

**Melting/freezing point:** 0°C

**Flammable / Flash point** Not Flammable

**Relative density** 1.02 g/cm<sup>3</sup> @ 20°C (Method: QP07)

**Solubility:** Soluble/dispersible in water

**Viscosity:** As water @20°C (Method: QP04)

**Oxidising properties:** Not applicable.

**Explosive properties:** Not applicable.

**9.2 Other Information** No information available.

### **SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:** Gives off hydrogen by reaction with base metals (zinc, aluminium).

**10.2 Chemical Stability:** No decomposition if stored and applied as directed.

**10.3 Hazardous Reactions:** Exothermic reaction with strong acids. Gives off hydrogen by reaction with base metals (zinc, aluminium).Risk of explosion.

**10.6 Hazardous Decomposition Products** Contact with aluminium may produce flammable hydrogen.

- 10.4 Conditions to Avoid:** No information available.
- 10.5 Incompatible Materials:** Acids, light metals, aluminium and zinc  
Organic peroxides

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

Substance	Toxicity
Sodium Hydroxide	Toxicological Data: Estimated fatal dose 5.0 grams. Inhalation: Dust from dried product may cause lung damage. Skin Contact: Will cause severe burns. Eye Contact: Will cause injury with possible LOSS OF SIGHT.
Sodium Alkyl Sulphate	Information on toxicological effects Acute toxicity: Irritation / Corrosivity on the skin: Irritant to skin and mucous membranes. on the eye: Strong irritant with the danger of severe eye injury. Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant
Triclosan	Toxicity values:  SKN RBT LD50 >6000 mg/kg IHL RAT LC50 140 mg/m <sup>3</sup> ORL RAT LD50 4300 mg/kg  Relevant effects for mixture: Irritation OPT DRM Hazardous: calculated  Symptoms / routes of exposure Skin contact: There may be redness or whiteness of the skin in the area of exposure. Irritation or pain may occur at the site of contact. An itchy rash may occur at the site of contact. Eye contact: There may be irritation and redness. There may be severe pain. The eyes may water profusely. Corneal burns may occur. Ingestion: There may be soreness and redness of the mouth and throat. Headaches or general malaise may result. Nausea and stomach pain may occur. There may be vomiting. Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Nausea and stomach pain may occur. There may be vomiting.

No information regarding interactions between the ingredients in this mixture is available, therefore, the information shown above is separately reported for each relevant ingredient used in the mixture even though it may be present below its concentration limit and represent no toxicity in the mixture as a whole.

## **SECTION 12: ECOLOGICAL INFORMATION**

No specific information is available for this mixture, therefore, the following information regarding the relevant substances used in this mixture is provided, even though they may be present below the concentration limit and represent minimal or no toxicity to the environment.

Substance	ECO Toxicity
Sodium Hydroxide	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. 12.1 Toxicity: LC 50, 96 Hrs, FISH mg/l 55.6 EC 50, 48 Hrs, DAPHNIA, mg/l 156 12.2 Persistence and degradability: The product is expected to be biodegradable.

Sodium Alkyl Sulphate	<p>Toxicity</p> <p>Acquatic toxicity: No further relevant information available.</p> <p>Persistence and degradability</p> <p>Other information: The product is readily biodegradable.</p> <p>Additional ecological information:</p> <p>General notes: Do not allow product to reach ground water, water course or sewage system.</p> <p>Results of PBT and vPvB assessment</p> <p>PBT: Not applicable.</p> <p>vPvB: Not applicable.</p> <p>Other adverse effects No further relevant information available.</p>
Triclosan	<p>12.1 Ecotoxicity values: FISH 96H LC50 0.5 mg/l</p> <p>12.2. Persistence and degradability Persistence and degradability: Not biodegradable.</p> <p>12.3. Bioaccumulative potential</p> <p>12.4. Mobility in soil Mobility: Insoluble in water.</p> <p>12.5. Results of PBT and vPvB assessment PBT identification: This substance is not identified as a PBT substance.</p> <p>12.6. Other adverse effects</p>

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **13.1 Waste treatment methods**

When disposing of surplus or waste product use suitable PPE etc. ensuring empty containers are rinsed out and disposed of safely. Do not allow product to enter land or surface water drains. Dispose of in accordance with local authority regulations. Do not mix with other waste materials.

### **SECTION 14: TRANSPORT INFORMATION**

- 14.1 UN number:** N/A
- 14.2 Shipping Name:** Teepol Degreaser
- 14.3 Transport hazard class** None
- 14.4 Packing group:** N/A
- 14.5 Environmental Hazards:** None
- 14.6 Special precautions for user:**  
No information
- 14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC code:**  
No information

### **SECTION 15: REGULATORY INFORMATION**

#### **15.1 Safety, health and environment regulation/legislation specific to the substance or mixture**

## EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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, including amendments.

## Guidance

ECHA Guidance on the application of CLP criteria (Version 4: November 2013)

ECHA Guidance on the compilation of safety data sheets (Version 2.1: February 2014)

### 15.2 Chemical safety assessment

No information

#### SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3

H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
H290	May be corrosive to metals.
H400	Very toxic to aquatic life.

Contains: Sodium Hydroxide.

#### *Directions:*

Apply to surface undiluted with a trigger foamer, leave for a few minutes and wash area thoroughly ensuring all traces of the product have been removed. WARNING: Will strip paint & varnish

Further Information: The latest version of this data sheet may be obtained from the Harvey Waddington Web Site at: [www.teepol.co.uk](http://www.teepol.co.uk)

GLOSSARY:	PPE	Personal protective equipment.	N/A	Not applicable.	N/K	Not known	OES	Occupational exposure limit
	TWA	Time weighted average	W/V	Weight to volume				

The data contained in this Safety Data Sheet has been supplied for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

ANIMAL TESTING: Teepol Products (UK) do not test their finished products on animals.

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