

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	Heavy Duty Citrus Hand Cleaner (Unbeaded)	10 x 500ml	0208
Teepol	Heavy Duty Citrus Hand Cleaner (Unbeaded)	4 x 5L	0209
Teepol	Heavy Duty Citrus Hand Cleaner (Unbeaded)	4 x 600ml tubs	0596

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

Heavy duty engineers hand cleaner

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]

None, None

2.2 Label elements

Signal Word: Hazard Pictograms:

Hazard Statements:

None

Precautionary Statements:

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

Substance Name	REACH Reg. No.	CAS-No	EC-No.	Amount [%]
Coconut Diethanolamide	01-2119490100-53-001	68155-07-7	931-329-6	5-15
<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 2	H411 Hazardous to the aquatic environment

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount [%]</u>
Citrus Terpenes		8028-48-6	232-433-8	<5
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
Skin corrosion/irritation	Skin. Irrit. 2	H315 Skin corrosion/irritation		
Respiratory/skin sensitization	Skin. Sens. 1	H317 Respiratory/skin sensitization		
Hazardous to the aquatic environment	Aquatic Acute 1	H400 Hazardous to the aquatic environment		
Flammable liquid	Flam. Liq. 3	H226 Flammable liquid		

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Advice

Remove contaminated clothing.

After inhalation

Ensure supply of fresh air

After contact with skin

Rinse off with water

After contact with eyes

Rinse eyes with water until irritation subsides.

After ingestion:

If small amount wash out mouth with water and drink clean water. If amount is large give plenty of water to drink, do not induce vomiting and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Eye irritation and reddening

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 parameters

Contains no substances with known occupational exposure limits.

8.2 Exposure Controls

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

Exposure Controls - Eyes: Avoid contact with eyes.

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

Exposure Controls - Respiratory None required.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance / Odour Orange beaded pourable gel with citrus odour. (Method: QP22)

pH (10% soln.) 8.5 - 9 (Method: QP03)

Melting/freezing point: 0°C

Flammable / Flash point Not Flammable

Relative density 0.98 g/cm³ @ 20°C (Method: QP07)

Solubility: Soluble/dispersible in water

Viscosity: Semi gel @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: Not known to react with other chemicals

10.2 Chemical Stability: No stability concerns

10.3 Hazardous Reactions: None known

10.6 Hazardous Decomposition Products May produce toxic products of combustion when involved with a fire.

10.4 Conditions to Avoid: None known

10.5 Incompatible Materials: None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Substance	Toxicity
Coconut	TOXIC DOSE 1 - LD 50 >2000 mg/kg (oral rat)
Diethanolamide	INHALATION May cause irritation to the respiratory system. INGESTION No harmful effects expected in amounts likely to be ingested by accident. SKIN CONTACT Irritating to skin. EYE CONTACT Risk of serious damage to eyes.

Citrus Terpenes	<p>Toxic Dose 1 - LD 50 >5000 mg/kg (oral rat)</p> <p>Inhalation Irritating to respiratory system. Vapours irritate the respiratory system, and may cause coughing and difficulties in breathing.</p> <p>Ingestion Harmful: may cause lung damage if swallowed.</p> <p>Skin contact Irritating to skin.</p> <p>Eye contact Irritating to eyes.</p>
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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
Coconut	MOBILITY
Diethanolamide	<p>The product is soluble in water.</p> <p>BIOACCUMULATION The product does not contain any substances expected to be bioaccumulating.</p> <p>DEGRADABILITY This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.</p>
Citrus Terpenes	<p>Ecotoxicity The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.</p> <p>12.1. Toxicity Acute Fish Toxicity Very toxic to aquatic organisms. EC 50, 48 Hrs, Daphnia, mg/l < 1.0</p> <p>12.2. Persistence and degradability Degradability The product is not readily biodegradable.</p> <p>12.3. Bioaccumulative potential Bioaccumulative potential No data available on bioaccumulation.</p> <p>12.4. Mobility in soil Mobility: The product is insoluble in water.</p> <p>12.5. Results of PBT and vPvB assessment Not Classified as PBT/vPvB by current EU criteria.</p> <p>12.6. Other adverse effects Not determined.</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 Heavy Duty Citrus Hand Cleaner (Unbeaded)

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.
H315 Causes skin irritation.
H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.

Directions:

Apply to dry hands, rub in well to remove soiling and rinse off with water.

Further Information: The latest version of this data sheet may be obtained from the Harvey Waddington Web Site at: 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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