

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	Citrus Cleaner Concentrate	10 L Drum	0594

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

Citrus based neutral cleaner for all washable surfaces. May be used neat for stubborn marks / stains.

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]

Acute. Tox. 4 - Inha, H332

Skin. Sens. 1, H317

Eye. Irrit. 2, H319

2.2 Label elements

Signal Word: *Hazard Pictograms:*

WARNING

Hazard Statements:



H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

Precautionary Statements:

Disposal

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

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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.

P333 + P313 If skin irritation or rash 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>
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		

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount [%]</u>
Sodium Alkyl Sulphate		72906-11-7	276-987-9	<5
<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>
Pentasodium Diethylenetriaminepentaacetate	01-2119474445-33	140-01-2	205-391-3	<5
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
Acute toxicity	Acute. Tox. 4 - Inha	H332 Acute toxicity		

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 advise.

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 to 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 liquid 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 1.02 g/cm³ @ 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: 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
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
Citrus Terpenes	Toxic Dose 1 - LD 50 >5000 mg/kg (oral rat) Inhalation Irritating to respiratory system. Vapours irritate the respiratory system, and may cause coughing and difficulties in breathing. Ingestion Harmful: may cause lung damage if swallowed. Skin contact Irritating to skin. Eye contact Irritating to eyes.
Pentasodium Diethylenetriamine pentaacetate	11.1. Information on toxicological effects Acute toxicity - inhalation ATE inhalation (gases ppm) 17,482.52 ATE inhalation (vapours mg/l) 42.74 ATE inhalation (dusts/mists mg/l) 5.83 Reproductive toxicity Reproductive toxicity - fertility Contains a substance/a group of substances which may damage the unborn child. Inhalation Gas or vapour in high concentrations may irritate the respiratory system. Ingestion May cause severe internal injury. Skin contact Irritating to skin. Eye contact Irritating to eyes.

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 Alkyl Sulphate	Toxicity Acquatic toxicity: No further relevant information available.

Sodium Alkyl Sulphate	<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>
Citrus Terpenes	<p>Ecotoxicity</p> <p>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</p> <p>Acute Fish Toxicity</p> <p>Very toxic to aquatic organisms. EC 50, 48 Hrs, Daphnia, mg/l < 1.0</p> <p>12.2. Persistence and degradability</p> <p>Degradability</p> <p>The product is not readily biodegradable.</p> <p>12.3. Bioaccumulative potential</p> <p>Bioaccumulative potential</p> <p>No data available on bioaccumulation.</p> <p>12.4. Mobility in soil</p> <p>Mobility: The product is insoluble in water.</p> <p>12.5. Results of PBT and vPvB assessment</p> <p>Not Classified as PBT/vPvB by current EU criteria.</p> <p>12.6. Other adverse effects</p> <p>Not determined.</p>
Pentasodium Diethylenetriamine pentaacetate	<p>Ecotoxicity:</p> <p>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.</p> <p>12.1. Toxicity</p> <p>Acute Fish Toxicity</p> <p>Not considered toxic to fish.</p> <p>12.2. Persistence and degradability</p> <p>Degradability:</p> <p>There are no data on the degradability of this product.</p> <p>12.3. Bioaccumulative potential</p> <p>Bioaccumulative Potential:</p> <p>The product does not contain any substances expected to be bioaccumulating.</p> <p>12.4. Mobility in soil</p> <p>Mobility: The product is soluble in water.</p> <p>12.5. Results of PBT and vPvB assessment</p> <p>This product does not contain any PBT or vPvB Substances.</p> <p>12.6. Other adverse effects</p> <p>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 Citrus Cleaner Concentrate
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.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H412 Harmful to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.

Directions:

For Floors, Walls and Heavily Soiled/Greasy Surfaces: 60-120g per 5L of Hot Water. Remove gross soiling by scraping/brushing surface initially and then brush in the solution. Leave in contact for as long as possible before thoroughly rinsing off with clean water. Paint Cleaning: For routine cleaning of painted surfaces use 7-15g per 5L of water. Steam Cleaning: 30-60g per 5L of water in the detergent solution tank. Carpet Cleaning / Prespotting: (Test for colour fastness) Dilute 30-60g per 5L of 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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