

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	L Multi-purpose Detergent	4 x 5L euro (24)	0019
Teepol	L Multi-purpose Detergent	20 L Drum	0020
Teepol	L Multi-purpose Detergent	200 L Drum	0023

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

A neutral liquid detergent, equally effective in hard, soft or salt water. Cleans all surfaces to a right finish, and completely removes all grease films.

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>
Sodium Alkyl Sulphate		72906-11-7	276-987-9	15-30
<u>Hazard Class</u>		<u>Hazard Category</u>	<u>Hazard Statements</u>	
Skin corrosion/irritation		Skin. Irrit. 2	H315	
Serious eye damage/irritation		Eye. Dam. 1	H318	
Hazardous to the aquatic environment		Aquatic Chronic 3	H412	
Acute toxicity		Acute. Tox. 4 - Oral	H302	

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount [%]</u>
2-bromo-2-nitropropanol-1,3-diol	603-085-00-8	52-51-7	200-143-0	<1
<u>Hazard Class</u>		<u>Hazard Category</u>	<u>Hazard Statements</u>	
Hazardous to the aquatic environment		Aquatic Acute 1	H400	

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 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

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 Clear liquid with charecteristic odour (Method: QP22)

pH (10% soln.) 7 - 9 (Method: QP03)

Melting/freezing point: 0°C

Flammable / Flash point Not Flammable

Relative density 1.04 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
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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

2-bromo-2-nitropropanol-1,3-diol Routes of Entry: Dermal contact. Eye contact. Inhalation. Ingestion.
 Toxicity to Animals: Acute oral toxicity (LD50): 180 mg/kg [Rat].
 Chronic Effects on Humans: Not available.
 Other Toxic Effects on Humans:
 Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation (lung irritant).
 Slightly hazardous in case of skin contact (sensitizer).
 Special Remarks on Toxicity to Animals: Not available.
 Special Remarks on Chronic Effects on Humans: Not available.
 Special Remarks on other Toxic Effects on Humans: Not available.

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	<p>Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability Other information: The product is readily biodegradable. Additional ecological information: General notes: Do not allow product to reach ground water, water course or sewage system. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant information available.</p>
2-bromo-2-nitropropanol-1,3-diol	<p>Ecotoxicity: Not available. BOD5 and COD: Not available. Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. Toxicity of the Products of Biodegradation: The products of degradation are more toxic. Special Remarks on the Products of Biodegradation: Not available.</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 L Multi-purpose Detergent
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.
H302 Harmful if swallowed.
H412 Harmful to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.

Directions:

Chemical glassware, metal or porcelain dishes: 15-30ml per 5 litres of water, Use hot water if possible, for best results.
Sinks, washbasins, large porcelain containers: 15ml per 5 litres of warm water, Apply with rag or cloth.
Microscope slides, delicate pieces of apparatus, fine wire mesh sieves, 15ml per 5 litres of water, Cold water may be used.
Rough cleaning of floors, lavatories: 15-30ml per 5 litres of warm water, Apply by brush or mop.
Benches, racks and shelves, enamel work and painted surfaces: 15-30ml per 5 litres of warm water, Quite safe for high-gloss finishes, use cold water for woodwork to avoid softening.
Aqueous degreasing of metal parts: 30-60ml per 5 litres of hot water, Alkalis may be used in conjunction with Teepol L except where they are likely to cause corrosion.
General wetting: 0.1 - 0.2%, Varies with job.

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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