

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	Kitchen Cleaner Sanitizer	2 x 5L	0125
Teepol	Kitchen Cleaner Sanitizer	6 x 1L Trigger	0513

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

Teepol Kitchen Cleaner Sanitizer is a powerful, multi-purpose cleaner that effectively kills 99.9% of germs. A fast and effective spray on, wipe off sanitizing spray, specially designed to be used in food preparation areas. Certified against MRSA, E.coli and Salmonella. Suitable for use on hard surfaces such as kitchen worktops, ovens, hobs, stainless steel, glass, ceramic, plastic, paintwork and walls.

1.3 Details of the supplier of the safety data sheet

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

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. Irrit. 2, H319

2.2 Label elements

Signal Word: *Hazard Pictograms:*
 WARNING

Hazard Statements:



H319 Causes serious eye irritation.

Precautionary Statements:

Disposal

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

Prevention

P264 Wash ... thoroughly after handling.

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

Response

P337 + P313 If eye irritation persists: Get medical advice/attention.

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

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>
Alkylamidopropyl Betaine C8-18	01-2119488533-30-xxxx		931-296-8	<5
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
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		
<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount [%]</u>
Benzyl C10-16 alkyldimethyl, chlorides		68424-85-1	270-325-2	<1
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
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 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 Clear liquid with slight odour (Method: QP22)

pH (10% soln.) 10 - 11 (Method: QP03)

Melting/freezing point: 0°C

Flammable / Flash point Not Flammable

Relative density 1 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
Alkylamidopropyl	Toxicity values:
Betaine C8-18	Route Species Test Value Units

ORL RAT LD50 >5000 mg/kg
 Relevant effects for mixture:
 Effect Route Basis
 Irritation OPT Hazardous: calculated
 Symptoms / routes of exposure
 Skin contact: There may be irritation and redness at the site of contact.
 Eye contact: * May cause severe eye injury. There may be irritation and redness. The eyes may water profusely.
 Ingestion: There may be soreness and redness of the mouth and throat. There may be vomiting.
 Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Benzyl C10-16 alkyldimethyl, chlorides
 Acute Toxicity:
 Oral : LD50 (rat) 240-400 mg/kg
 Dermal : LD50 (rat) 800-1420 mg/kg
 Potential Acute Health effects
 Inhalation: No inhalation hazard under normal use conditions. Dust, spray, mist can be corrosive/highly irritating to the respiratory system
 Ingestion: Harmful if swallowed. May cause burns to mouth, throat and stomach
 Skin contact: Corrosive to skin. Causes burns. Harmful in contact with skin.
 Eye: Corrosive 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
Alkylamidopropyl Betaine C8-18	12.1 Toxicity: Species Test Value Units Daphnia magna 48H EC50 21.5 mg/l MARINE ALGAE (Skeletonema costatum) 48H EC50 30.0 mg/l 12.2. Persistence and degradability Persistence and 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 the detergent manufacturer. 12.3. Bioaccumulative potential 12.4. Mobility in soil Mobility: Soluble in water. 12.5. Results of PBT and vPvB assessment PBT identification: This substance is not identified as a PBT substance. 12.6. Other adverse effects Other adverse effects: *
Benzyl C10-16 alkyldimethyl, chlorides	12.1 Ecotoxicity : The product is toxic to aquatic organisms Acute LC50 Fish (96hr) 0.85 – 1.2 mg/L Acute EC50 Daphnia (48hr) 0.02 mg/L Acute EC50 Algae (96hr) 0.06 mg/L 12.2 Persistence/Degradability : Readily biodegradability: complies with biodegradability conditions, particularities and limits specified in Detergents Regulation (EC) 648/2004 & annexes. 12.3 Bio-accumulative Potential : Low: Product is surface active: Log Pow (ca. 0.5) may not be appropriate 12.4 Mobility in soil : Water soluble, readily binds to organic matter 12.5 PBT and vPvB : Not applicable 12.6 Ecological Overview : Product contains a substance classified as dangerous for the environment

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 Kitchen Cleaner Sanitizer
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.
H412 Harmful to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.

Passes EN 1276 for MRSA, E.coli & S.typhimurium. (MGS Certificate No. 10455)

Directions:

Directions for use: Turn nozzle to "ON" position and spray directly onto surface. Wipe clean with a damp cloth or sponge.

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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