

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
Raynor	Cleaner / Sanitizer (Food Safe)	6 x 1L Trigger	BC002
Raynor	Cleaner / Sanitizer (Food Safe)	4 x 5L	BC001

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

Foaming hard surface cleaner & disinfectant for all washable surfaces including food preparation areas. Allow a contact time of 30 seconds. Passes EN1276

1.3 Details of the supplier of the safety data sheet

Company *Teepol Products,*
Address *Murray Road,* Telephone *01689 877020*
Orpington, Fax *01689 877027*
Kent BR5 3QY 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 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

<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	<1

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>
None	None	None None

<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	<u>Hazard Category</u>	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 for 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 / Pink liquid with slight characteristic odour. (Method:

Odour pH (10% soln.) QP22) 10 - 11 (Method: QP03)

Melting/freezing point: 0°C

Flammable / Flash Not Flammable

point Relative density 1.01 g/cm³ @ 20°C (Method: QP07)

Solubility: Soluble/dispersible in water As

Viscosity: 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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Pentasodium	11.1. Information on toxicological effects
Diethylenetriamine	Acute toxicity - inhalation
pentaacetate	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.
Benzyl C10-16 alkyldimethylchlorides	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
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Pentasodium	Ecotoxicity:
Diethylenetriamine	The product components are not classified as environmentally hazardous. However, this does not exclude
pentaacetate	the possibility that large or frequent spills can have a harmful or damaging effect on the environment. 12.1. Toxicity Acute Fish Toxicity Not considered toxic to fish. 12.2. Persistence and degradability Degradability: There are no data on the degradability of this product. 12.3. Bioaccumulative potential Bioaccumulative Potential: The product does not contain any substances expected to be bioaccumulating. 12.4. Mobility in soil Mobility: The product is soluble in water. 12.5. Results of PBT and vPvB assessment This product does not contain any PBT or vPvB Substances. 12.6. Other adverse effects Not determined.

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: Raynor Cleaner / Sanitizer (Food Safe)

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

H400 Very toxic to aquatic life.

Passes EN 1276 (MGS Certificate number: SO 463A)

Directions:

To sanitise and remove grease, finger marks and general soiling spray onto walls, floors, paintwork, worktops, cabinets, ceramic tiles etc. Use undiluted and spray onto surface and wipe clean with a damp cloth or sponge. Product is ready to use - DO NOT DILUTE 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: Rushbrook do not test their finished products on animals.

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