



SAFETY DATA SHEET

Revision date: 06/03/2017

Version no 2

Print date: 14/09/2020

SECTION 1: IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Trade Name	Description	Unit	Code
Raynor	Kitchen Multi Purpose Cleaner	4 x 5L	KD001

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

against Heavy duty low foaming alkaline multi purpose cleaner.

1.3 Details of the supplier of the safety data sheet

Company	Teepol Products,	Telephone	01689 877020
Address	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

Eye. Dam. 1, H318

Skin. Irrit. 2, H315

2.2 Label elements

Signal Word: DANGER **Hazard Pictograms:**

DANGER

Hazard Statements:



H315 Causes skin irritation.

H318 Causes serious eye damage.

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.

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>
Alcohol Ethoxylate C9 - C11	Hazard Category	68439-46-3	Polymer	[%] <5
<u>Hazard Class</u>		<u>Hazard Statements</u>		
Serious eye damage/irritation	Eye. Dam. 1	H318	Serious eye damage/irritation	
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>		
None	None	None	None	
Acute toxicity	Acute. Tox. 4 - Inha	H332	Acute toxicity	

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount</u>
Sodium Dodecylbenzene Sulphonate	01-2119565112-48-XXXX	25155-30-0	246-680-4	[%] <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	

<u>Substance Name</u>	<u>REACH Reg. No.</u>	<u>CAS-No</u>	<u>EC-No.</u>	<u>Amount</u>
Sodium Hydroxide	011-002-00-6	1310-73-2	215-185-5	[%] <5
<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Hazard Statements</u>		
Skin corrosion/irritation	Skin. Corr. 1A B C	H314	Skin corrosion/irritation	
Serious eye damage/irritation	Eye. Dam. 1	H318	Serious eye damage/irritation	

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 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

(Sodium Hydroxide) OES: TWA 8 hours-STEL 15 mins 2mg/m3.

8.2 Exposure Controls

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

Exposure Controls - Eyes: Avoid contact with eyes. Wear suitable eye protection if appropriate.

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

Exposure Controls - Respiratory Avoid inhaling dust from dried material.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance / Odourless bright yellow liquid (Method:

Odour pH (10% soln.) QP22)

Melting/freezing point: >13 (Method: QP03)

Flammable / Flash 0°C

point Relative density Not Flammable

Solubility: 1.02 g/cm³ @ 20°C (Method: QP07)

Viscosity: Soluble/dispersible in water As

Oxidising properties: water @20°C (Method: QP04)

Explosive properties: Not applicable.

9.2 Other Information Not applicable.

No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Gives off hydrogen by reaction with base metals (zinc, aluminium).

10.2 Chemical Stability: No decomposition if stored and applied as directed.

10.3 Hazardous Reactions: Exothermic reaction with strong acids. Gives off hydrogen by reaction with base metals (zinc, aluminium).Risk of explosion.

10.6 Hazardous Decomposition Products Contact with aluminium may produce flammable hydrogen.

10.4 Conditions to Avoid: No information available.

10.5 Incompatible Materials: Acids, light metals, aluminium and zinc
Organic peroxides

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Substance	Toxicity
-----------	----------

Alcohol Ethoxylate Toxicity value(s): ORL RAT LD50 >200<2000 mg/kg

C9 - C11 Acute effects: Harmful if swallowed. Risk of serious damage to eyes.

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely. There may be severe pain. May cause permanent damage.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Pentasodium 11.1. Information on toxicological effects

Diethylenetriamine Acute toxicity - inhalation

pentaacetateATE 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.

Sodium Acute toxicity

Dodecylbenzene LD50 Oral - rat - 438 mg/kg

Sulphonate Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Lacrimation. Behavioral:Somnolence (general depressed activity). Diarrhoea

Skin corrosion/irritation

Skin - rabbit - Skin irritation - 24 h

Serious eye damage/eye irritation

Eyes - rabbit - Severe eye irritation - 24 h

Respiratory or skin sensitization

no data available

Germ cell

mutagenicity no

data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity no data available

Specific target organ toxicity - single exposure Inhalation - May cause respiratory irritation. Specific target organ toxicity - repeated exposure no data available

Aspiration

hazard no data

available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion Harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye burns.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: DB6825000

Sodium Toxicological Data: Estimated fatal dose 5.0 grams.

Hydroxide Inhalation: Dust from dried product may cause lung damage.

Skin Contact: Will cause severe burns.

Eye Contact: Will cause injury with possible LOSS OF SIGHT.

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
-----------	--------------

Alcohol Ethoxylate	Ecotoxicity value(s): FISH 96H LC50 1-10 mg/l C9 - C11
	Mobility: Soluble in water.

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.
PBT identification: This substance is not identified as a PBT substance.

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.

Sodium 12.1 Toxicity

Dodecylbenzene Fish mortality NOEC - Oncorhynchus kisutch -3.1

Sulphonate mg/l - 3d mortality LOEC - Oncorhynchus kisutch

- 5.6 mg/l - 3d Toxicity to daphnia and other

aquatic invertebrates mortality NOEC - Daphnia

- 4 mg/l - 7d 12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

Bioaccumulation Lepomis macrochirus - 28 d -64 µg/l

Bioconcentration factor (BCF): 220

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB

assessment no data available

12.6 Other adverse effects

Avoid release to the

environment. No data

available

Sodium The product components are not classified as environmentally hazardous. However, this
Hydroxide does not exclude the possibility that large or frequent spills can have a harmful or
damaging effect on the environment.

12.1 Toxicity:

LC 50, 96 Hrs, FISH mg/l 55.6

EC 50, 48 Hrs, DAPHNIA,

mg/l 156

12.2 Persistence and degradability:

The product is expected to be biodegradable.

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 Kitchen Multi Purpose Cleaner

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

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

Contains <2% Sodium Hydroxide

Directions:

GENERAL CLEANING: Dilute up to 1 - 50 and spray, wipe or mop onto surface to be cleaned.

HEAVY DUTY USE: This product may be used neat, allowed to penetrate for a few minutes and wiped off. IF USED ON FABRICS - TEST FOR COLOUR FASTNESS

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.

The information contained in this document is based on information believed to be correct on the date of issue. No warranty or representation, expressed or implied, is made as to the accuracy or completeness of this information. The user assumes all liability for any damage or injury resulting from abnormal use, from the failure to adhere to recommended practises, or from hazards inherent in the nature of the product. In accordance with our policy of incorporating technical improvements, we reserve the right to amend any specification without notice.