

SAFETY DATA SHEET

TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Page: 1

Compilation date: 05/05/2015

Revision date: 25/04/2016

Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Index number: RD113

Product code: PTRIP

Synonyms: TRIPLEX YELLOW

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: R & D PRODUCTS

3 & 4 VICTORIA MILLS

WESTGATE

CLECKHEATON

WEST YORKSHIRE

BD19 5DR

UNITED KINGDOM

Tel: 01274 851516

Fax: 01274 851516

Email: admin@rd-products.co.uk

1.4. Emergency telephone number

Emergency tel: 07921885509

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1B: H314; Aquatic Chronic 2: H411; -: EUH208

Most important adverse effects: Contains Limonene and Citral. May produce an allergic reaction. Causes severe skin burns and eye damage. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains Limonene and Citral. May produce an allergic reaction.

H314: Causes severe skin burns and eye damage.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion

GHS09: Environmental



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SAFETY DATA SHEET

TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Page: 2

Signal words: Danger

Precautionary statements: P260: Do not breathe mist/vapours/spray.

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

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

RM ALCOHOL ETHOXYLATE 9 CLP

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	68439-45-2	-	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%

RM ALCOHOL ETHOXYLATE 6 CLP

-	68439-46-3	-	Eye Dam. 1: H318; Acute Tox. 4: H302	1-10%
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RM BENZALKONIUM CHLORIDE 50% CLP

939-350-2	68391-01-5	-	Skin Corr. 1B: H314; Acute Tox. 4: H302; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-10%
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RM CITRIC ACID CLP

201-069-1	5949-29-1	-	Eye Irrit. 2: H319	1-10%
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FRA LEMON PERFUME 6 CLP

-	-	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes in contact with skin. Wash the affected skin with clean running water till substance removed. Obtain medical attention if irritation persists.

Eye contact: Bathe the eye with running water for 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical advice if irritation persists.

Ingestion: Wash out mouth with water. Do not induce vomiting. If patient feels unwell seek medical attention.

Inhalation: Not a problem in normal use. If irritation is experienced, mouth and throat may be rinsed with water. Get medical advice if irritation continues.

[cont...]

SAFETY DATA SHEET

TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Page: 3

4.2. Most important symptoms and effects, both acute and delayed

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. The vision may become blurred. Corneal burns may occur. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. Nausea and stomach pain may occur.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into rain water drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

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SAFETY DATA SHEET

TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Page: 4

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Original packaging

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

RM BENZALKONIUM CHLORIDE 50% CLP

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1920mg/m ³	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Non required in well ventilated areas

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellow

Odour: Lemon

Solubility in water: Highly soluble

pH: 2-3

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

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SAFETY DATA SHEET

TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Page: 5

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Hot surfaces.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

RM ALCOHOL ETHOXYLATE 9 CLP

DERMAL	-	LD50	>2000-<=5000	mg/kg
ORAL	-	LD50	>300-<=2000	mg/kg

RM BENZALKONIUM CHLORIDE 50% CLP

DERMAL	RBT	LD50	2412	mg/kg
ORAL	RAT	LD50	397.5	mg/kg

RM CITRIC ACID CLP

DERMAL	RBT	LD50	404	mg/kg
ORAL	MUS	LD50	5400	mg/kg
ORAL	RAT	LD50	300	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

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. The vision may become blurred. Corneal burns may occur. May cause permanent damage.

[cont...]

SAFETY DATA SHEET

TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Page: 6

Ingestion: There may be soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. Nausea and stomach pain may occur.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

RM ALCOHOL ETHOXYLATE 6 CLP

FISH	72H IC50	1-10	mg/l
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RM BENZALKONIUM CHLORIDE 50% CLP

ALGAE	72H IC50	0.03	mg/l
FISH	96H LC50	0.515	mg/l

RM CITRIC ACID CLP

Daphnia magna	72H ErC50	120	mg/l
GREEN ALGA (Senastrum capricornutum)	-	640	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Rinse out empty containers at least twice with water and recycle if facilities exist or dispose of as commercial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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SAFETY DATA SHEET

TOILET AND WASHROOM CLEANER (TRIPLEX) YELLOW CLP

Page: 7

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.