



MATERIAL SAFETY DATA SHEET

Revised 2nd May, 2017

TOILET & DRAIN UNBLOCKER

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

1.1 Product identifier

Product name TOILET & DRAIN UNBLOCKER
Synonyms SULPHURIC ACID DRAIN CLEANER

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

Use of substance/mixture FOR PROFESSIONAL AND INDUSTRIAL USE ONLY. Concentrated acid drain cleaner.

1.3 Details of the supplier of the safety data sheet

Company name R.K. & J.Jones Limited
 Southery Road,
 Feltwell, Thetford
 Norfolk
 IP26 4EH
Telephone 01842 828101
Fax 01842 828171
Email sales@birdbrand.co.uk

1.4 Emergency tel. number

Emergency tel: 01223 968282

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP Skin Corr. 1A: H314
Most important adverse effects Causes severe skin burns and eye damage

2.2 Label elements

Label elements
Hazard statements H314: Causes severe skin burns and eye damage
Hazard pictograms GHS05: Corrosion



Signal words Danger
Precautionary statements P102: Keep out of reach of children
 P405: Store locked up
 P260: Do not breathe fumes
 P262: Do not get in eyes, on skin, or on clothing
 P280: Wear protective gloves/protective clothing/ eye protection/face protection.
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

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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.

2.3 Other hazards

PBT

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

SULPHURIC ACID

EINECS	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
231-639-5	7664-93-9	-	Skin Corr.1A:H314	>90%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Skin Contact:

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye Contact:

Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion:

Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary, if unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. If conscious, ensure the casualty sits or lies down. Transfer to hospital as soon as possible.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact:

Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact:

Corneal burns may occur. May cause permanent damage. There may be severe pain.

Ingestion:

Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation:

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

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 of sulphur oxides.

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 Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions Do not discharge into 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. Small spills may be neutralised with Sodium Bi Carbonate (baking powder).

6.4 Reference to other sections

SECTION 7: HANDLING AND STORAGE

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 of 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 Must only be kept in original packaging.

7.3 Specific end use(s)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Hazardous ingredients:

SULPHURIC ACID...100%

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	0.05 mg/m3	-	-	-

DNEL/PNEC Values

DNEL/PNEC No data available

8.2 Exposure controls

Engineering measures Ensure there is sufficient ventilation of the area.

Respiratory protection Self-contained breathing apparatus must be available in case of emergency

Hand protection Impermeable gloves

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

Skin protection Impermeable protecting clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.**9.1 Information on basic physical and chemical properties**

State	Liquid
Colour	Pale Yellow
Odour	Astringent
Evaporation rate	Negligible
Oxidising	Oxidising (by EC criteria)
Solubility in water	Reacts with water
Viscosity	Non-viscous
Boiling point/range °C	100
Ph	0.5-1.0
Relative density	1.85
VOC g/l:	0

9.2 Other information

Other information	No data available
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SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity****10.2 Chemical stability**

Chemical stability	Stable under normal conditions
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10.3 Possibility of hazardous reactions**10.4 Conditions to avoid**

Conditions to avoid	Heat
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10.5 Incompatible materials

Materials to avoid	Strong oxidising agents. Metals. May produce explosive hydrogen gas on contact with most metals.
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10.6 Hazardous decomposition products

Haz. Decomp. Products	In combustion emits toxic fumes of sulphur oxides.
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SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Hazardous ingredients:****SULPHURIC ACID... 100%**

ORL	RAT	LD50	2140	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: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage. There may be a pain.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat.

Exposure may cause coughing or wheezing.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity values: No data available

12.2 Persistence and degradability

Persistence and degradability Not biodegradable

12.3 Bio-accumulative potential

Bio-accumulative potential No bioaccumulation potential

12.4 Mobility in soil

Mobility Readily absorbed into soil. Non-volatile. Soluble in water.

12.5 Other adverse effects

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

NB. Dispose of as normal industrial waste. Clean with water. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN Number: UN 1830

14.2 UN proper shipping name

Shipping name SULPHURIC ACID 95%

14.3 Transport hazard class(s)

Transport class 8

14.4 Packing group

Packing group II

14.5 Environmental hazards

Environmentally hazardous No

Marine pollutant No

14.6 Special precautions for user

Tunnel code E

Transport category 2

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 HEALTH AND SAFETY INFORMATION

Other information

Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. Product requires CRC (child resistant closure) and TDW (tactile danger warning) for retail sale to the general public. Reason for last issue number change-reviewed for correctness.

Phrases used in S2 & S3

H314: Causes severe skin burns and eye damage

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. For professional and industrial use only.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own use.