



SAFETY DATA SHEET

DRAIN CLEANER

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

1.1 PRODUCT IDENTIFIER: DRAIN CLEANER

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

RELEVANT IDENTIFIED USES: Drain cleaner

USES ADVISED AGAINST: No additional information available.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER: Wickham Industries Limited
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1.4 EMERGENCY TELEPHONE NUMBER

EMERGENCY TELEPHONE: +44(0)1977 682266

2. HAZARDS IDENTIFICATION:

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (1999/45 (CHIP)): C: R35

CLASSIFICATION (EC 1272/2008 (CLP)):

Physical : Not classified
Health: Skin Corr. 1A
Environmental: Not classified

2.2 LABEL ELEMENTS

LABEL IN ACCORDANCE WITH (EC 1272/2008 (CLP)):



SIGNAL WORD: Danger

HAZARD STATEMENTS: H314 Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS: P102 Keep out of reach of children.
P303/361/353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P501 Dispose of contents/container as hazardous waste

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SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

P264 Wash hands thoroughly after handling.
P301/330/331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor/physician.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.

2.3 OTHER HAZARDS

No additional information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

3.1 SUBSTANCES

Not applicable.

3.2 MIXTURES

INGREDIENT NAME:	EINECS	CAS No.	CONTENT
SULPHURIC ACID	231-639-5	7664-93-9	90-100 %
Classification (EC 1272/2008 (CLP))	Classification (67/548 (CHIP))		
Skin Cor. 1A – H314	C: R35		

The full text for all R-phrases and H-statements are shown in section 16

COMPOSITION COMMENTS:

Acid solution

4. FIRST AID MEASURES:

4.1 DESCRIPTION OF FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

SKIN: Remove contaminated clothing. Rinse with water. Get prompt medical attention. Contact physician if discomfort continues.

EYES: Immediately rinse with water. Continue to rinse for at least 15 minutes. Get medical attention immediately!

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

INHALATION: May cause irritation to the respiratory system.

INGESTION: Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Causes severe burns

SKIN: Prolonged or repeated exposure may cause severe irritation. Causes severe burns.

EYES: Irritating to eyes. Causes severe burns. Will cause permanent eye damage.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Refer to section 4.1

5. FIREFIGHTING MEASURES:

5.1 EXTINGUISHING MEDIA

Carbon dioxide (CO₂). Foam. Dry chemicals, sand, dolomite etc., water.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

May emit toxic fumes if burnt.

5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus. Keep run-off water out of sewers and water sources.

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6. ACCIDENTAL RELEASE MEASURES:

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 FOR NON-EMERGENCY PERSONNEL

Wear suitable gloves and eye/face protection.

6.1.2 FOR EMERGENCY RESPONDERS

Wear suitable gloves and eye/face protection.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter the surface water drain, sewers, or ground

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth. May be neutralised using soda ash or hydrated lime. Place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. See section 13 for disposal.

6.4 REFERENCE TO OTHER SECTIONS

See section 8 for further information on personal protective equipment. See section 13 for disposal.

7. HANDLING AND STORAGE:

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid spilling, skin and eye contact. Never add water.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep in cool, dry, ventilated storage and closed containers. General chemical storage.

7.3 SPECIFIC END USE(S)

Drain cleaner.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1 CONTROL PARAMETERS

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
SULPHURIC ACID (mist)	7664-93-9	WEL	0.05 mg/m ³	

INGREDIENT COMMENTS:

WEL = Workplace Exposure Limit. The mist is defined as the thoracic fraction

8.2 EXPOSURE CONTROLS

8.2.1 Appropriate engineering controls

VENTILATION: Provide sufficient ventilation during operations which cause vapour / mist formation.

PROTECTIVE EQUIPMENT:



8.2.2 Individual protection measures, such as personal protective equipment

PROCESS CONDITIONS:

Provide eyewash station.

RESPIRATORS: Were suitable respiratory protection to protect against vapours / mist if the general level exceeds the Workplace Exposure Limit (WEL).

PROTECTIVE GLOVES:

Wear chemical resistant gloves.

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EYE PROTECTION:

Wear approved chemical safety goggles / face protection.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

8.2.3 Environmental exposure controls

No additional information available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear / turbid liquid.
COLOUR:	Colourless / red/brown
ODOUR/TASTE:	Acid
SOLUBILITY DESCRIPTION:	Miscible with water.
BOILING POINT (°C, interval):	>100 PRESSURE:
MELT./FREEZ. POINT (°C, interval):	<0
DENSITY/SPECIFIC GRAVITY (g/ml):	Approx. 1.8 TEMPERATURE (°C): 20
VAPOUR PRESSURE:	N/D kPa TEMPERATURE (°C): 20
pH-VALUE, CONC. SOLUTION:	< 1
FLASH POINT (°C):	N/A METHOD:
AUTO IGNITION TEMP. (°C):	N/A
FLAMMABILITY LIMIT - LOWER(%):	N/A
FLAMMABILITY LIMIT - UPPER(%):	N/A

9.2 OTHER INFORMATION

No additional information available.

10. STABILITY AND REACTIVITY:

10.1 REACTIVITY

Reacts vigorously, violently or explosively with many organic and inorganic chemicals and with water

10.2 CHEMICAL STABILITY

Normally stable.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Refer to section 10.1 on reactivity.

10.4 CONDITIONS TO AVOID

Keep away from reactive materials.

10.5 INCOMPATIBLE MATERIALS

Strong oxidising agent, may cause ignition in contact with combustible materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Sulphuric acid fume, sulphur dioxide, and carbon monoxide. May evolve Hydrogen in contact with metals

11. TOXICOLOGICAL INFORMATION:

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

HEALTH HAZARDS, GENERAL: May cause severe chemical burns.

INHALATION: May cause irritation to the respiratory system.

INGESTION: Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Causes severe burns

SKIN: Prolonged or repeated exposure may cause severe irritation. Causes severe burns.

EYES: Irritating to eyes. Causes severe burns. Will cause permanent eye damage.

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12. ECOLOGICAL INFORMATION:

12.1 TOXICITY

Do not allow to enter soil, waterways or sewer.

12.2 PERSISTENCE AND DEGRADABILITY

No data available.

12.3 BIOACCUMULATIVE POTENTIAL

The product is not expected to bioaccumulate.

12.4 MOBILITY IN SOIL

Soluble in water.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

No additional information available.

12.6 OTHER ADVERSE EFFECTS

May be dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS:

13.1 WASTE TREATMENT METHODS

Dispose of in accordance with Local Authority requirements. Use a licensed Waste contractor.

14. TRANSPORT INFORMATION:

14.1 – 14.7**LABEL FOR CONVEYANCE:****ROAD TRANSPORT:**

UN No. ROAD:	1830
ADR CLASS No.:	Class 8: Corrosive.
ADR PACK GR.	II, Class. Code C1
TUNNEL RESTRICTION CODE:	(E)
PROPER SHIPPING NAME :	Sulphuric Acid with more than 51% acid

SEA TRANSPORT:

UN No. SEA:	1830
IMDG CLASS:	8
IMDG PACK GR.:	II
EmS No.:	F-A, S-B
MARINE POLLUTANT:	No.

AIR TRANSPORT:

UN No., AIR:	1830
ICAO CLASS:	8
AIR SUB CLASS:	None
AIR PACK GR.:	II

15. REGULATORY INFORMATION:

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations. Chemicals (Hazard Information & Packaging) Regulations (CHIP). European Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP), adopting in the EU the Globally Harmonised System (GHS).

GUIDANCE NOTES: Occupational Exposure Limits EH40.

15.2 CHEMICAL SAFETY ASSESSMENT

Not required.

16. OTHER INFORMATION:

REVISION DATE: 09/08/14

REV. No./REPL. SDS GENERATED: 3

SDS No.: 044

R-PHRASES (Full Text) R-35 Causes severe burns.

H-STATEMENTS (Full Text) H314 Causes severe skin burns and eye damage.

DISCLAIMER:

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 as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.