



NATIONAL ADHESIVE DISTRIBUTORS

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MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT INFORMATION

Product Name: GLUE DEVIL DRAIN CLEANER

Product Class: FORMULATED DRAIN CLEANING CHEMICAL

Formula: H₂ SO₄

Chemical Family: ACIDS / INHIBITORS / SURFACTANTS

Un No: 1830

IMCO: 8

Hazchem code: 2P

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components:

1. Sulphuric Acid (H₂SO₄) >98% m/m, EPG: 8A2, Poisons Schedules: 6
2. Trade Secret

SECTION 3. HEALTH HAZARD DATA

Fire: Non combustible

Inhalation: Corrosive: Sore throat, coughing, shortness of breath, severe breathing difficulties, and burns to the upper respiratory system.

Skin: Corrosive: Burns, redness, irritation, pain.

Eyes: Corrosive: Burns, irritation, redness, pain, impaired vision.

Ingestion: Corrosive: Burns, sore throat, abdominal pain. May be fatal if swallowed.



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SECTION 4. FIRST AID MEASURES

First Aid - Skin

Wash affected area with copious quantities of water immediately. Remove contaminated clothing and wash before reuse. Treat skin and clothing with 1% Sodium Bicarbonate solution to neutralize acid residues. If irritation occurs seek medical attention.

First Aid - Eyes

Immediately irrigate with large amounts of water for at least 15 mins. Eyelids to be held open. Seek medical attention.

First Aid - Ingestion

Swallowing may be fatal. Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. Seek immediate medical attention.

First Aid - Inhalation

Remove victim from exposure. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration immediately.

SECTION 5. FIRE FIGHTING MEASURES

DO NOT USE WATER ON ADJACENT FIRES. Extinguish with dry chemical or carbon dioxide.

POISONOUS GAS MAY BE PRODUCED IN FIRE – wear goggles, self-contained breathing apparatus, and rubber clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PRECAUTIONS: Restrict access to area. Provide adequate (acid resistant) protective equipment and ventilation. Remove sources of heat and flame. Contain using sand and earth – prevent run-off into drains and waterways, notify occupational and environmental authorities.

SPILL OR LEAK: Stop leak if you can do it without risk.

SMALL SPILLS: Neutralize remaining product with an alkali such as lime, limestone or soda ash, adjusting pH to 6-10.

LARGE SPILLS: **Notify Emergency Service. Will etch concrete in the presence of water.**



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SECTION 7. HANDLING AND STORAGE

Store in a well-ventilated area. Store in a cool dry place.
Keep dry – reacts with water, may lead to bottle rupture.
Keep containers securely protected against physical damage.
Store away from strong bases. Not to be loaded with Class 1, 4.3, 5.1, 5.2, 6, 7, foodstuff and food stuff empties.
Keep away from children.
Wear acid resistant protective clothing and equipment.

SECTION 8. PERSONAL PROTECTION

Occupational Exposure Limits:

Controls:

Personal Protection:

The following protective equipment must be worn. Overalls or similar acid resistant protective apparel. Safety glasses, goggles or face shield as appropriate. Rubber boots. Elbow-length PVC gloves, Splash apron. Wear approved respirator. Wash contaminated clothing and protective equipment before storing/re-using. Avoid all contact.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Brownish liquid, denser than water, choking fumes if heated, hygroscopic
- Formula:** H₂SO₄
- Boiling Point:** 270°C
- Melting point:** 10°C
- Vapour Pressure:** 0.0001 mm Hg (1 atmosphere)
- Specific Gravity:** <1.8 (water =1)
- Flash point:** N/A
- pH:** 0.3 (1N soln)
- Solubility in water:** Sol. G.L (25°C)
- Flammability limits:** (as percentage volume in air)
- Density:** (20°C) approx. 1.5 g/cm³



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Solubility in water: miscible
pH value: (at g/l, 23°C) ca. 4 DIN 53 785
Viscosity: paste

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid:

Incompatible Material:

Reacts violently with a wide range of organic and inorganic chemicals, including alcohol, carbides, chlorates, picrate, nitrates, metals and other combustibles.

Other:

Do not mix with water, causes splashing. Do not use before, after or with any other drain line opener or chemical.

SECTION 11. TOXICOLOGICAL INFORMATION

Aquatic Toxicity: 24.5 ppm/24hr/bluegill/lethal/fresh water
42.5 ppm/48hr/prawn/Lcao/Salt water

Waterfowl Toxicity: Data not available

Biological Oxygen Demand (BOD): None

Food chain Concentration Potential: None

SECTION 12. ECOLOGICAL INFORMATION

No ecological problems are expected when the product is handled and used with due care.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Method product:

There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies, which will advise you on how to dispose of special waste.

Disposal Method Packaging:



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Disposal in accordance with local legal provisions.

SECTION 14. TRANSPORT INFORMATION

UN No. 1830
Hazchem Code: 2P
EAC ERG No.
IMDG Code 8220
Marine Pollutant Yes
Imco Class 8 (Corrosive liquid)
Subsidiary Risks
Tremcard Number *****

SECTION 15. REGULATORY INFORMATION

EEC HAZARD CLASSIFICATION: 9
RIK PHASES: R35 causes severe burns
SAFETY PHASES: **S2 Keep out of reach of children**
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons information centre National Legislation.

SECTION 16. OTHER

Reason for Alteration: General update. The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent guarantee of the properness of the product.

Disclaimer of Liability: The information contained herein is based on the data available to us and, is to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we assume no liability for damages incurred by use of this material. Although certain hazards are described herein, we cannot guarantee



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that these are the only hazards which may exist. Users of this product should satisfy themselves that the conditions and methods of use assure the product is used safely. No representations or warranties, either expressed or implied, of any

nature are made hereunder with respect to the information contained herein. It is the responsibility of the user to comply with any and all local laws and regulations which may exist. Nothing contained herein is to be construed as a recommendation for use in violation of any applicable laws or regulations.

REVISED MAY 2019