



**PARAGON**  
*Hygiene Specialists*

**Quality  
Hygiene and Maintenance  
Products**

**CONCENTRATED  
ACID BASED  
LIQUID DRAIN OPENER**

**DISSOLVE**

CODE: B08

- OPENS BLOCKED DRAINS FAST •
- IMMEDIATELY LIQUIFIES AND DISSOLVES ORGANIC MATTER •
- WILL NOT AFFECT PVC, RUBBER, STEEL,  
COPPER PIPE FITTINGS, ETC. •

**DISSOLVE** is an inhibited sulphuric acid based drain cleaning product that will instantly unblock pipes and drains by dissolving any organic matter.

**DISSOLVE** is carried by it's own weight to the blockage where it dissolves Grease, Soap, Sanitary Towels, Hair or any Organic Matter in minutes - eliminating the need for costly emergency repairs.

It also prevents odours by keeping drains free-flowing and will not affect septic tank operation.

**DISSOLVE** will also restore plumbing pipes to their original diameter, and is specially inhibited to prevent damage to pipe work.

### **DIRECTIONS FOR USE**

**Remove as much excess water as possible from affected area before use.**

**Always pour product slowly and directly into drain.**

**Allow to stand for 10 minutes before flushing.**

**Sinks and drains:** Dose: 250ml

**Toilet and floor drains:** Dose: 500ml

**Prevention maintenance:** Dose: 100ml

To avoid future blockages apply a small quantity at regular intervals in to drains susceptible to blockage.

**CAUTION: This is a professional strength product and must be treated with utmost care.  
Read all product instructions carefully before use. Always Wear Protective Clothing.**

### • Industrial Hygiene •

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# SAFETY DATA SHEET

## 1) IDENTIFICATION OF THE PREPARATION & COMPANY

# DISSOLVE

## CODE B08

DATE UPDATED: 16.06.95 SUPERSEDES SDS: 03.11.94  
PARAGON PRODUCTS (UK) LTD.  
NEWHAILES INDUSTRIAL ESTATE, NEWHAILES ROAD,  
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## 2) COMPOSITION / INFORMATION ON INGREDIENTS

		Hazard Data
Sulphuric Acid	70-100%	Corrosive
Inhibitor	Balance	Cas No. 7664-93-9 Harmful

## 3) HAZARDS IDENTIFICATION

Corrosive, causes severe burns.

## 4) FIRST AID MEASURES

**SKIN: Effect: Liquid:** Severe burns. **Mist or fume:** Irritation may cause burns.

**Treatment:** Immediately drench with water for at least 15 minutes, remove contaminated clothing. Seek medical attention.

**EYES: Effect: Liquid:** Severe burns. **Mist or fume:** Irritation.

**Treatment:** Immediately flood with copious quantities of water for at least 15 minutes holding the eye open. Seek medical attention.

**INGESTION: Effect:** Severe corrosion of the mouth, throat and digestive tract.

**Treatment:** Wash out mouth with water, give plenty of water to drink. Do not induce vomiting. Treatment may be needed for pain and shock. Seek medical attention.

**INHALATION: Effect:** Exposure to mist or fume can cause moderate to severe irritation of the nose and throat.

**Treatment:** Remove from exposure. Keep warm and at rest. If irritation persists seek medical attention.

## 5) FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** - Product is not combustible

**Special Protective Equip** - Products reacts violently with water & organic materials. Under fire conditions vapour of sulphuric acid may be present. Wear S.C.B.A. & protective equipment.

## 6) ACCIDENTAL RELEASE MEASURES

**Environmental Precautions:** Do not allow to enter natural water sources.

**Methods For Cleaning Up** -

**Small Spillages:** Flood with copious quantities of water.

**Large Spillages:** contain spillage using earth, sand or vermiculite, pump into an emergency tank. Spread soda ash or crushed limestone over area, sweep up into containers. Repeat. Wash down the area with water.

## DISPOSE OF IN ACCORDANCE WITH LOCAL AUTHORITY REGULATIONS

## 7) HANDLING AND STORAGE

**Handling** - Smoking should be prohibited when handling. When diluting acid always add acid slowly to water. Personal protective equipment see section 8.

**Storage** - Store sulphuric acid away from reactive materials. Always store in closed vessel. Ensure quality of container is adequate.

## 8) EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Respiratory:** Wear full B.A. equipment if air concentrations exceed exposure limits. Always ensure good ventilation.

**Hand:** Wear heavy duty rubber or PVC gloves.

**Eyes:** Wear suitable goggles or face protection.

**Skin:** Wear PVC suit and acid resistant boots.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colourless To Brown Liquid

**Odour:** Acrid Odour

**Ph:** <1%

**Boiling Point:** 330 degC

**Melting Point:** 10 degC

**Flash Point:** Not Applicable

**Explosive Properties:** N/A

**Vapour Pressure:** @ 20°C:0.006

**Relative Density:** 1841

**Solubility** - Water: Completely miscible with water

## 10) STABILITY AND REACTIVITY

Store sulphuric acid away from reactive materials. Most common metals will be corroded if in contact.

## 11) TOXICOLOGICAL INFORMATION

Sulphuric Acid: LD50 2140 mg/kg Oral, Rat.

Inhibitor: LD50 950 mg/kg Oral, Rat.

## 12) ECOLOGICAL EFFECTS

Concentrations greater than 1-2mg/l as may be Toxic to fish and algae. Soluble in aqueous systems.

## 13) DISPOSAL CONSIDERATIONS

Dispose of sulphuric acid or materials contaminated with sulphuric acid using a licensed contractor in accordance with Waste Disposal Regulations.

## 14) TRANSPORT INFORMATION

UN No: 1830

Shipping Name: PDC - Sulphuric Acid

Transport Hazard: Corrosive Class 8

## 15) REGULATORY INFORMATION

Labelling in accordance with EEC Standards.

Corrosive



CORROSIVE

**Risk Phrases:** R35/38/41 Causes severe burns, Irritating to skin, Risk of serious damage to eyes.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

**Safety Phrases:** S2/ 24/25/26/ 30/ Keep out of reach of children, Avoid contact with skin and eyes. In case of contact with eyes rinse immediately with plenty of water and seek medical attention. Never add water to this product.

## 16) OTHER INFORMATION

It is the responsibility of the user to satisfy himself as to the suitability of such information for his own particular use.