

Safety Data Sheet (SDS)

Product: Liquid Fire Drain Cleaner Synonyms: Sulfuric Acid Drain Opener Use: Chemical Drain Cleaner

Section 1: Identification

Product Identifier: Liquid Fire Drain Cleaner Emergency Contact: [Insert Details]

Section 2: Hazard Identification

GHS Classification: Skin Corrosion 1A, Eye Damage 1 Signal Word: DANGER Hazards: Causes severe burns, harmful if swallowed or inhaled.

Section 3: Composition

Sulfuric Acid (CAS 7664-93-9) 90–93% Proprietary Additives 5–7%

Section 4: First Aid Measures

Inhalation: Fresh air, seek medical help. Skin: Flush with water 15 mins. Eyes: Rinse 20 mins, seek medical help. Ingestion: Do NOT vomit, rinse mouth, seek help.

Section 5: Firefighting

Extinguishing Media: Water spray, CO₂. Hazards: Releases hydrogen gas with metals. PPE: Full protective gear.

Section 6: Accidental Release

Ventilate, neutralize with baking soda/lime, absorb with sand, dispose properly.

Section 7: Handling & Storage

Wear gloves, goggles. Store in corrosion-resistant container, away from heat and water.

Section 8: Exposure & PPE

Use ventilation. PPE: Goggles, gloves, apron, respirator if needed.

Section 9: Properties

Appearance: Clear-brown liquid Odor: Sharp pH: <1 Boiling Point: 337°C Solubility: Miscible with water.

Section 10: Stability

Stable normally. Reacts with water, alkalis, metals. Decomposition: Sulfur oxides.

Section 11: Toxicology

Corrosive to skin, eyes, lungs. Chronic: May erode teeth, cause bronchitis. LD50 Oral (rat): ~2140 mg/kg.

Section 12: Ecology

Toxic to aquatic life. Not bioaccumulative. May harm sewage bacteria.

Section 13: Disposal

Neutralize before disposal. Follow local regulations. Do not dump into water systems.

Section 14: Transport

UN1830 Sulfuric Acid Solution Hazard Class: 8 Packing Group: II

Section 15: Regulations

OSHA HCS 1910.1200, TSCA listed, SARA Title III hazardous.

Section 16: Other Information

Prepared: [Insert Date]. Disclaimer: Info accurate but not guaranteed. User responsible for safe use.