

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
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ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**RAM ROD / 2404****NOVEMBER 2009****PAGE 1**

HEALTH	3
FIRE	0
REACTIVITY	2
P.P.E.	C

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FAMILY:** Drain Opener**SECTION 2 – Composition on Ingredients**

NAME	CAS #	OSHA PEL	ACGIH TLV
Sulfuric Acid	7664-93-9	1 mg/m ³	0.2 ppm *
Water, dye		N/A	N/A

* - Threshold limit value is mist only
Note – No materials listed are subject to SARA Title III reporting

SECTION 3 – Hazards Information**EFFECTS OF OVEREXPOSURE:**

- EYE CONTACT:** Corrosive to eyes on contact, including corneal damage or blindness.
SKIN CONTACT: Corrosive to skin on contact, including inflammation and blistering.
INGESTION: Will cause abdominal pain, nausea, vomiting, destruction of tissue in the gastrointestinal tract.
INHALATION: Spray mist may cause irritation, burning, destruction of tissue. Symptoms may include coughing, choking, pain, or shortness of breath. Severe overexposure may lead to fatal lung damage.

HEALTH HAZARDS:

- 1) ACUTE:** Causes burns/irritation to eye, skin and respiratory tract.
2) CHRONIC: Prolonged exposure to spray mist may produce respiratory irritation leading to frequent attacks of bronchial infection.
 National Toxicological Program: NO I.A.R.C. Monographs: NO OSHA: NO

SECTION 4 – First Aid Measures**EMERGENCY FIRST AID PROCEDURES:**

- EYE CONTACT:** Immediately flush with cool running water for at least 15 minutes. Remove contact lenses while continuing to flush. Get medical attention.
INGESTION: Call Physician or Poison Control immediately. Give lots of water to drink. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.
SKIN CONTACT: Immediately flush with water for 15 minutes. Remove clothing and wash before reuse.
INHALATION: Remove to fresh air. If breathing is difficult get medical help.

SECTION 5 – Fire Fighting Measures

- FLAMMABILITY LIMITS (% IN AIR):** N.A. **FLASH POINT (cc):** N.A.
FLAMMABILITY CLASSIFICATION: N.A.
RECOMMENDED EXTINGUISHING MEDIA: Dry Chemical or CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with protective gear including self-contained breathing apparatus.
UNUSUAL FIRE/EXPLOSION HAZARDS: Product will react violently with water.

SECTION 6 – Accidental Release Measures

PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: Use proper protective equipment. Dike or dam large spills. Absorb spill on inert absorbent material. Pick-up and place in clean DOT specified container for disposal. Rinse area with water.

SECTION 7 – Handling and Storage

PRECAUTIONS IN HANDLING AND STORAGE AND OTHER PRECAUTIONS: Practice good industrial hygiene in the handling of these products. Avoid spills and splashing of opened products. Store product in tightly closed original container. Store in a cool dry place. Provide adequate ventilation. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 – Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator to prevent breathing spray mists.
VENTILATION: Local exhaust recommended.
PROTECTIVE GLOVES: Latex, rubber or neoprene.
EYE PROTECTION: Safety glasses or splash goggles.
OTHER PROTECTIVE EQUIPMENT: Rubber apron, boots, as well as an eye wash station are strongly recommended.

SECTION 9 – Physical and Chemical Properties

BOILING RANGE:	550°F	SPECIFIC GRAVITY (H₂O=1):	1.84
VAPOR PRESSURE (mmHg):	1.0 @ 300°F	SOLUBILITY IN H₂O:	Complete
VAPOR DENSITY (AIR=1):	None	EVAPORATION RATE (WATER=1):	>1.0
REACTIVITY IN WATER:	Mixes violently with water with generation of heat.		
APPEARANCE & ODOR:	Red to amber liquid with no odor.	pH:	< 1

SECTION 10 – Stability and Reactivity

STABILITY: Stable under normal conditions
INCOMPATIBILITY WITH OTHER MATERIALS: Contact with metals, strong oxidizers, strong alkalies may cause high energy release.
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen gas on contact with some metals
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: See incompatibility statement.

SECTION 11 – Toxicological Information

No data available.

SECTION 12 – Ecological Information

No data available.

SECTION 13 – Disposal Consideration

WASTE DISPOSAL PROCEDURES: Dispose of in accordance with local, state and federal pollution regulations.

SECTION 14 – Transport Information

DOT HAZARD CLASS: Sulfuric Acid, 8 UN 1830, PGII; UN1789, PGII

SECTION 15 – Regulatory Information

No data available.

SECTION 16 – Other Information

This information is believed to be accurate and represents the best information currently available to Pro Chem, Inc. However, we make of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information.

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