

**DRAIN FLOW**

Date Prepared – 01/01/01 Reviewed 06/25/08

**IDENTITY (As Used on Label and List)**

Drain Flow Blended Sulfuric Acid Drain Opener, DF

Person Preparing Document - David Lawler

**Section 1****Manufacturer's name**

Roebic Laboratories, Inc.

**Emergency Telephone Number**

CHEMTREC 1-800-424-9300

**Address (Number, Street, City, State, and ZIP Code)**

25 Connair Road, PO Box 927

Orange, CT 06477

**Telephone Number for Information**

1-203-795-1283

**Section 2 - Hazardous Ingredients / Identity Information****Hazardous Components (Specific Chemical Identity; Common Name(s)):**

<b><u>INGREDIENTS</u></b>	<b><u>CAS NUMBER</u></b>	<b><u>PERCENT</u></b>	<b><u>ACGIH/TLV</u></b>
Diluted Sulfuric Acid	7664-93-9	90%	1-mg/m3
Fortifying Agents	N/A		

**Section 3 - Physical / Chemical Characteristics****Boiling Point** - 221° F 105C**Vapor Pressure (mm Hg.)** –**Vapor Density (AIR = 1)** –**Solubility in Water** – Complete**Specific Gravity (H2O = 1)** – 1.75**Melting Point** –**pH** – 1.25**Evaporation Rate (Butyl Acetate = 1)** –**Appearance & Odor** – Viscous black liquid with sulfur odor.**Section 4 - Fire & Explosion Hazard Data****Flash Point Method Used** –**Extinguishing Media** – Use extinguishing media appropriate for surrounding fire.**Special Fire Fighting Procedures** – Wear full protective clothing including self-contained breathing apparatus with full-face piece operated in a positive pressure mode.**Unusual Fire & Explosion Hazards** – Reaction with certain metals can produce flammable hydrogen gas. Provide adequate ventilation when applying.**Flammable Limits** – LEL UEL**Section 5 - Reactivity Data****Stability** – Stable**Incompatibility (Materials to Avoid):** Avoid strong alkalis. Do not mix with other household chemicals. Do not add water to acid while in container because of violent reaction.**Hazardous Polymerization** –

**DRAIN FLOW****Section 5 – Reactivity Data (continued)**

Conditions to Avoid -

Hazardous Decomposition of By-products – Sulfur fumes

Conditions to Avoid –

**Section 6 - Health Hazard Data**

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (Acute & Chronic):

Chronic –

Acute - Skin Contact:

Eye Contact:

Ingestion:

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?

Signs & Systems of Exposure:

Inhalation: Irritation of upper respiratory tract

Dermal: Irritation

Eyes: Irritation

Ingestion: Internal irritation

Medical Conditions Generally Aggravated by Exposure –

Emergency & First Aid Procedures:

Inhalation: Remove from contaminated atmosphere. Apply artificial respiration if necessary. Call a physician.

Skin Contact: Flush with cool water, then baking soda solution. If irritation persists, get medical attention.

Eye Contact: Immediately flush with large quantities of water. Call a physician.

Ingestion: Give large quantities of water or milk. Do not induce vomiting. Do not drink carbonated water. Call a physician.

**Section 7 - Precautions for Safe Handling & Use**

Steps to be taken in case material is released or spilled:

Small spill: Neutralize with sodium bicarbonate or soda ash and flush with large amounts of water.

Large spill: Pump to a soda ash and slack lime solution, then dispose of with large amounts of water.

Waste Disposal Method:

Precautions to be taken in handling and storing: Store in high-density polyethylene, rubber lined, fiberglass, or 316 stainless steel containers. Do not store in extreme heat or cold areas. Avoid contact with organic matter. DRAIN FLOW is a strong chemical digester of dead organics.

Other Precautions:

**Section 8 - Control Measures**

Respiratory Protection (Specify Type): Respiratory protection is required if airborne concentrations exceed TLV. Above this level use NIOSH approved equipment with full-face piece. Follow respirator manufacturer's recommendations.

Ventilation: Local Exhaust? Use to meet TVL requirements and to minimize exposure.

Mechanical (General)? Same as Local Exhaust.

Special?

Other?

Eye Protection: Safety goggles recommended.

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**Section 8 – Control Measures (continued)**

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**Work / Hygienic Practices:**

**Protective Gloves:** Rubber or plastic gloves recommended.

**Other Protective Clothing or Equipment:** Protective clothing is recommended.