

SURE-SEP

Plaster Separating Fluid

1 - IDENTIFICATION

Manufacturer: WDR Scientific, LLC
Address: PO Box 5145
City, State, Zip: Central Point, OR 97502
Telephone: 1-800-653-0683
24-Hour Emergency: 1-800-653-0683
Date Prepared: May 20, 2010

2 - COMPOSITION INFORMATION**Hazardous Ingredients**

	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Isopropanol	67-63-0	400 ppm	400 ppm	50-60
Petroleum Naphtha	N/A	N/A	N/A	35-40

Other Ingredients

Octadecanoic acid		N/A	N/A	5-10
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3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 181 °F
Specific Gravity (H₂O = 1): 0.84
Vapor Pressure (mm Hg): N/E
Vapor Density (AIR = 1): N/E
Solubility in Water: Insoluble
Appearance and Odor: Colorless liquid with a strong petroleum odor.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 45 °F (7.2 °C)
Flammable Limits: LEL: 2.0 **UEL:** 12.7
Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

5 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: Heat, sparks and flames
Incompatibility (Material to Avoid): Strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120 °F.
Hazardous Decomposition Products: Carbon monoxide and unidentified organic compounds may be formed during combustion.
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
Skin: Mildly irritating to the skin.
Eyes: Moderately irritating to the eyes.
Inhalation: May cause mild irritation to the nose, throat and respiratory tract.
Ingestion: May cause nausea.
Carcinogenicity - **NTP:** No
IARC Monographs: No **OSHA Regulated Carcinogen:** No

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash with soap and water. If irritation occurs, get medical attention.
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.
Inhalation: Remove to fresh air and provide oxygen if breathing is difficult. Get medical attention.
Ingestion: Give a few sips of water or milk. Do not induce vomiting. Get immediate medical attention.

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled: Absorb with paper or allow to evaporate in hooded area. Flush area with water.
Waste Disposal Method: Residue upon evaporation is non-hazardous and may be disposed of with ordinary trash.
Precautions to be taken in handling and storing: May attack some forms of plastics, rubber and castings. Store at room temperature and humidity. Avoid sparks or open flame. Use according to directions.

9 - CONTROL MEASURES

Respiratory Protection (Specify Type): Avoid inhalation of vapors. Work in a well ventilated area.
VENTILATION:
Local Exhaust: Use adequate ventilation
Mechanical (General): Usually adequate
Protective Gloves: Impervious gloves
Eye Protection: Safety glasses
Other Protective Clothing or Equipment: May use lab coat or apron.
Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

10 - TRANSPORTATION INFORMATION

Regulated: DOT, IATA, IMO
Proper Shipping Name: Isopropanol Solution
Hazard Class: 3
Identification Number: 1219
Packing Group: II
Label: Flammable Liquid

11 - SPECIAL INFORMATION

HMS (Hazardous Material Identification System) Rating:
H1 F3 R0
[HMS Index: 4 - Severe Hazard; 3 - Serious Hazard;
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]