

MATERIAL SAFETY DATA SHEET

SUPER-SEP

Die Separating Fluid

1 - IDENTIFICATION

Manufacturer: Kerr Corporation
Address: 1717 West Collins Avenue
City, State, Zip: Orange, CA 92867-5422
Telephone: 1-800-KERR-123
Emergency: Chemtrec 1-800-424-9300
Date Prepared: September 6, 2005

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

| | | | | |
|--------------|--|-----|-----|------|
| Stearic Acid | | N/A | N/A | 5-10 |
|--------------|--|-----|-----|------|

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

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

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.