



SAFETY DATA SHEET

01. IDENTIFICATION

NAME OF PREPARATION OR SUBSTANCE: Mineral Oil 70- USP
SUPPLIER NAME: Jedwards International, Inc.
SUPPLIER ADDRESS: 141 Campanelli Drive
Braintree, MA 02184 USA
TELEPHONE NUMBER: (617)472-9300
RECOMMENDED USE: For manufacturing and repackaging use only
EMERGENCY TELEPHONE NUMBER: Chemtrec 1-800-424-9300 (24 hrs)

02. HAZARD IDENTIFICATION

PRIMARY ENTRY ROUTE: Skin
INHALATION: Inhalation of vapors or mist may be irritating to respiratory passages. Prolonged exposure may result in dizziness and nausea. Target Organic for mineral oil mist is lungs.
EYE CONTACT: Eye contact may result in slight irritation and redness.
SKIN CONTACT: Short term contact with skin is unlikely to cause any problems. Excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, oil acne, or cracking and defatting of the skin. Personnel with pre-existing skin disorders should avoid contact with this product.
INGESTION: May result in nausea or stomach discomfort.
CARCINOGENICITY: Based on OSHA 1910.1200 and IARC study requirements, this product does not require labeling. Meets EU requirement of less than 1% (w/w) DMSO extract for total polycyclic compound (PAC) using IP-346. NTP and OSHA do not list this product as a potential carcinogen.

03. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EINECS Number	Percentage	R 50/53
White Mineral Oil	8042-47-5	232-455-8	100	No

04. FIRST AID MEASURES

INHALATION: Move exposed person to fresh air. Inhalation of vapors and/or mists might irritate respiratory tract. Get medical attention if symptoms occur.
INGESTION: Wash out mouth with water. Do not induce vomiting. Get medical attention if symptoms occur.
SKIN CONTACT: Remove contaminated clothing and shoes. Wash contaminated skin with soap and water. Get medical attention if symptoms occur.
EYE CONTACT: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes,



keeping eyelids open. Seek medical attention if irritation persists.

05. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:
UNSUITABLE EXTINGUISHING MEDIA:
SPECIAL PROTECTIVE EQUIPMENT
FOR FIRE FIGHTERS:

Use dry chemical, CO₂, water spray, fog or foam.
Do not use water jet

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

06. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

No action shall be taken involving any personal risk without suitable training. Put on appropriate personal protective equipment (see section 8)

ENVIRONMENTAL PRECAUTIONS:

Prevent entry into sewers, water courses, basements or confined areas. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)

SMALL SPILL:
LARGE SPILL:

Smaller spillage can be wiped up with paper cloths. Stop leak if without risk. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place into container for disposal according to local regulations. (see section 13)

07. HANDLING AND STORAGE

HANDLING:

Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Do not ingest. Wash hands after handling. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. If handled at elevated temperatures or with high speed mechanical equipment, vapor or mist might be release and require a well- ventilated workplace.

STORAGE:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink.

08. EXPOSURE CONTROLS AND PERSONAL PROTECTION

RECOMMENDED MONITORING PROCEDURES:

If this product contains ingredients with exposure limits; personal workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control



OCCUPATIONAL EXPOSURE CONTROLS:

measures and/or the necessity to use respiratory protective equipment. Mechanical ventilation and local exhaust will reduce - +--+ exposure via the air. Use oil resistant material in construction of handling equipment. Store under recommended conditions and if heated, temperature control equipment should be used to avoid overheating.

HYGIENE MEASURES:

Handle in accordance with good industrial hygiene and safety practices.

RESPIRATORY PROTECTION:

If the product is heated under manual handling, use suitable mask with filter A1P2 or A2P2. Handling in automatic production lines, with exhaust or ventilation, will not require mask.

HAND PROTECTION:

Wear oil-resistant protective gloves (e.g. nitril rubber), neoprene PVC.

EYE PROTECTION:

If potential exists for splashing, use goggles.

SKIN PROTECTION:

Wear protection clothing if there is a risk of skin contact. Wash contaminated clothing before reuse.

09. PHYSICAL DATA AND CHEMICAL PROPERTIES

PHYSICAL STATE:

Liquid

COLOR:

Clear

ODOR:

Odorless

BOILING POINT:

>270°C

MELING POINT:

-15°C Max

FLASH POINT:

Open Cup: 150°C Min.

SOLUBILITY:

Insoluble in water

VISCOSITY:

Kinematic (40°C): 11.50 to 16.5 cSt

DENSITY:

0.820-0.850 at 25°C

DMSO EXTRACTIBLE COMPOUND FOR BASE OIL

SUBSTANCE ACCORDING TO IP-346:

<1%

AUTO-IGNITION TEMPERATURE:

>250°C

10. STABILITY & REACTIVITY

CHEMICAL STABILITY:

Stable under normal conditions

CONDITIONS TO AVOID:

Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

MATERIALS TO AVOID:

No specific data.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Low acute toxicity

INGESTION:

Ingestion may cause nausea and eventually vomiting and diarrhea.

INHALATION:

Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

SKIN:

Repeated exposure may cause skin dryness or cracking.



EYE:
POTENTIAL CHRONIC HEALTH EFFECTS:

Eye contact may cause redness and transient pain.
Inhalation of oil mist or vapors at elevated temperatures may cause respiratory issues.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Aquatic toxicity data on base oils indicated LC50 values of >1000mg/l, which is considered low toxicity.
Low mobility due to low water solubility and high viscosity.

MOBILITY:

Inherently biodegradable

PERSISTENCE/DEGRADABILITY:
BIOACCUMULATIVE POTENTIAL:

Models suggest that petroleum oils may bioaccumulate but the bioavailability limitations may reduce this potential. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

OTHER ADVERSE EFFECTS:

Spills may form a film on water surfaces.

13. DISPOSAL CONSIDERATIONS

METHODS OF DISPOSAL:

The generation of waste should be avoided or minimized wherever possible. Empty container or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and by-products should at all times comply with the requirements of environmental protection, waste disposal legislation and any regional local authority requirements.

14. TRANSPORT INFORMATION

INTERNATIONAL TRANSPORT REGULATIONS:

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

15. REGULATORY INFORMATION

RISK PHRASES:
SYMBOLS:
SAFETY PHRASES:

None
None
None

16. OTHER INFORMATION

None available

Revised on 12/10/2020

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Although Jedwards International, Inc. believes the above information to be accurate based on the information available to Jedwards, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Jedwards meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to Jedwards International, Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.