

**Material Safety Data Sheet  
(ISOPAR M SOLVENT)**

<b>JMN Specialties, Inc.</b> 1100 Victory Drive Westwego, LA 70094 (504) 341-3749 ISO 9001 Registered	<b>HMIS HEALTH:</b> .....1 <b>HMIS FLAMMABILITY:</b> .....2 <b>HMIS REACTIVITY:</b> .....0 <b>PERSONAL PROTECTION:</b> .....C  <b>EMERGENCY NUMBER:</b> .....800-255-3924
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**SECTION 1 – IDENTIFICATION OF CHEMICAL PRODUCT**

**PRODUCT NAME:**..... ISOPAR M SOLVENT  
**EFFECTIVE DATE:**..... September 30, 2007  
**CHEMICAL FAMILY:**..... Petroleum Solvent  
**FORMULA:** ..... Proprietary  
**CAS NUMBER:**..... 64742-47-8

**SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>PERCENT</b>	<b>CAS NUMBER</b>	<b>PEL</b>
Light Hydrotreated Petroleum Distillates.	100	64742-47-8	NIOSH TWA 300 mg/m <sup>3</sup> for an 8 hour workday. (Source: Recommended by Exxon, January 1991)

The criteria for listing components in the composition section are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Non-hazardous components may be listed at 3.0% or greater if not proprietary in nature. This is not intended to be complete compositional disclosure. Refer to section 14 for applicable states right to know and other regulatory information.

**SECTION 3 – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**APPEARANCE / ODOR:** ..... Clear Liquid / Mild Odor

**SHORT TERM EXPOSURE:**   **GENERAL:** Liquid or vapors may be irritating to skin and eyes.  
**INHALATION:** High concentrations of vapor may cause irritation of the respiratory tract, experienced as nasal discomfort and discharge, possibly with chest pain and coughing. Headache, nausea, vomiting, dizziness, and drowsiness may occur. **EYES:** May cause mild to severe irritation experienced as discomfort or pain, excess blinking and tear production, possibly with marked redness and swelling of the conjunctiva. **SKIN:** Brief contact may cause slight irritation with itching and local redness. Prolonged contact, especially with concentrate, may cause more severe irritation, with discomfort or pain. **SWALLOWING:** May cause headache, dizziness, in-coordination, nausea, vomiting, diarrhea, and general weakness.

**OSHA REGULATED:** ..... No

**LISTED CARCINOGEN:** ..... NTP: No   **IARC MONOGRAPHS:** No

**POTENTIAL HEALTH EFFECTS**

**INHALATION:** ..... Irritant

# Material Safety Data Sheet (ISOPAR M SOLVENT)

**INGESTION:**..... Irritant

**SKIN (DERMAL):** ..... Irritant

**OVER EXPOSURE EFFECTS:** **Inhalation:** Toxic and harmful if inhaled. Breathing of high vapor concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death. Vapors expected to be slightly irritating. **Eye Contact:** May cause temporary discomfort or irritation to the eye. **Skin Contact:** May be slightly irritating to the skin. Prolonged or repeated skin contact can cause defatting and drying of the skin which may result in a burning sensation and a dried, cracked appearance. **Ingestion:** Liquid can directly enter the lungs (aspiration) when swallowed or vomited. Serious lung damage and possibly fatal chemical pneumonia (chemical pneumonitis) can develop if this occurs.

## SECTION 4 – FIRST AID MEASURES

### FIRST AID:

**SKIN CONTACT:** Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately. **EYE CONTACT:** Flush eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately. **INGESTION:** Give large amounts of fresh water or milk immediately. Do not give anything by mouth if person is unconscious or otherwise unable to swallow. If vomiting occurs, keep head below hips to prevent aspiration. Treat symptomatically and supportively. Seek medical attention immediately. **INHALATION:** Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial resuscitation. Keep person warm and at rest. Treat symptomatically and supportively. Seek medical attention immediately. Qualified medical personnel should consider administering oxygen.

## SECTION 5 - FIRE FIGHTING MEASURES

**FLASHPOINT:**..... 160°F

**EXTINGUISHING MEDIA:** Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO<sub>2</sub>).

### DECOMPOSITION

**PRODUCTS:**..... From Fire; Smoke, Carbon Dioxide, Carbon Monoxide.

**LOWER FLAME LIMIT:**..... 0.6

**HIGHER FLAME LIMIT:**..... 7.0

### UNUSUAL FIRE AND

**EXPLOSION HAZARDS:**..... Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

### FIRE FIGHTING

**EQUIPMENT:**..... Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

# Material Safety Data Sheet (ISOPAR M SOLVENT)

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### CHEMTEL EMERGENCY

NUMBER (24 Hour): ..... 1-800-255-3924

**SPILL:** ..... Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer!

**RCRA STATUS:** ..... None

## SECTION 7 – HANDLING AND STORAGE

**HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND PROMPT REMOVAL OF MATERIAL FROM EYES, SKIN, AND CLOTHING.**

**HANDLING AND STORAGE:** .. Store in a cool place away from ignition sources. Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapors can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes. Do not enter confined spaces such as tanks or pits without following proper entry procedures as described in OSHA regulations at 29 CFR 1910.146.

### PRECAUTIONARY

**MEASURES:** ..... Keep away from heat, sparks and flame. Provide fresh air ventilation during and after application. Close container after each use. Avoid breathing vapors. Avoid breathing spray mist. Use respiratory devices and other personal protective equipment required by OSHA 29 CFR 1910. Avoid contact with eyes, skin and clothing.

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

### GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment.

**EYE PROTECTION:**..... Chemical safety goggles meeting the specifications of OSHA 29CFR 1910.133 / ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes. Wear safety glasses meeting the specifications of OSHA 29CFR 1910.133 / ANSI Standard Z87.1 where no contact with the eye is anticipated.

# Material Safety Data Sheet (ISOPAR M SOLVENT)

## RESPIRATORY

**PROTECTION:**..... Use NIOSH approved vapor respirator if exposure is unknown or exceeds permissible limits. A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.

Use NIOSH / MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH / MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.

**WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

**PROTECTIVE GLOVES:**..... Wear impervious gloves

**VENTILATION:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**MECHANICAL EXHAUST:** ..... Desired in closed places

**LOCAL EXHAUST:** ..... Recommended

**VENTILATION NOTES:** Provide natural or mechanical ventilation to control exposure levels below Airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

**THRESHOLD LIMIT VALUE:** NIOSH TWA 300 mg/m<sup>3</sup>

**PROTECTIVE EQUIPMENT:**... HMIS PERSONAL PROTECTION: C: Safety Glasses, Gloves, Apron

The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE / ODOR:** ..... Clear Liquid / Mild Odor

**BOILING POINT:** ..... IBP 401 - EP 490°F

**FREEZING POINT:** ..... < 0° F

**VAPOR PRESSURE:**..... < 2 mm HG @ 25°C

**VAPOR DENSITY (AIR=1):** ..... > 5

**SPECIFIC GRAVITY:** ..... .79

**pH:** ..... 6 - 8

**SOLUBILITY IN WATER:** ..... Negligible; Less than 0.1%

## SECTION 10 – STABILITY AND REACTIVITY

**STABILITY:**..... Stable

### HAZARDOUS

**POLYMERIZATION:** ..... Will not occur

**POLYMERIZATION AVOID:**... None

**INCOMPATIBILITY:** ..... Oxidizers or Oxidizing Materials.

**CONDITIONS TO AVOID:**..... Heat, Sparks, and Open Flames

# Material Safety Data Sheet (ISOPAR M SOLVENT)

## SECTION 11 – TOXICOLOGICAL INFORMATION

### EYE EFFECTS:

The eye irritation hazard is based on data from information supplied by raw material(s) supplier(s).

### SKIN EFFECTS:

The skin irritation hazard is based on data from information supplied by raw material(s) supplier(s).

### ACUTE ORAL EFFECTS:

The acute oral toxicity is based on data from information supplied by raw material(s) supplier(s).

### ACUTE INHALATION EFFECTS:

The acute respiratory toxicity is based on data from information supplied by raw material(s) supplier(s).

## SECTION 12 – ECOLOGICAL INFORMATION

Data from laboratory studies and from scientific literature is noted below if available.

## SECTION 13 DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** ..... Treatment, storage, transportation and disposal must be in accordance with Federal, State/Provincial and Local Regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## SECTION 14- TRANSPORTATION INFORMATION

The data provided in this section is for information only. The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate regulations to properly classify your shipment for transportation.

**PROPER SHIPPING NAME:**..... DOT Non-Regulated in container size less than 115 gallons or 1001 pounds net weight. In bulk containers larger than 115 gallons or in excess of 1001 pounds: Combustible Liquid, N.O.S. Contains (Petroleum Naphtha), 3, NA1255. Guide #128.

**REPORTABLE QUANTITY:**..... None

**HAZARD CLASS AND LABEL:** 3, Combustible Liquid

**UN NUMBER:** ..... 1255

**NA NUMBER:** ..... None

**PACKAGING SIZE:**..... 5 Gallon Pail, 55 gallon Drum & Bulk

## SECTION 15 - REGULATORY INFORMATION

### SARA 311 CATEGORIES:

**EPA ACUTE:**..... Yes (Eyes)

**EPA CHRONIC:** ..... No

# Material Safety Data Sheet (ISOPAR M SOLVENT)

EPA IGNITABILITY: ..... Yes

EPA REACTIVITY: ..... No

EPA SUDDEN RELEASE

OF PRESSURE: ..... No

CERCLA RQ VALUE: ..... None

SARA TPQ: ..... None

SARA RQ: ..... None

EPA HAZARD WASTE #: ..... DOO1 - Characteristics of Ignitability

CLEAN AIR: ..... NA

CLEAN WATER: ..... NA

SARA SECTION 313: ..... No

NFPA HEALTH: ..... 1

NFPA FLAMMABILITY: ..... 2

NFPA REACTIVITY: ..... 0

DEA Chemical Trafficking Act:.. No

TSCA STATUS: ..... All ingredients in this product are on the TSCA Inventory List.

## SECTION 16 - ADDITIONAL INFORMATION

**FOOT NOTES:** ND - No Data Available NA - Not Applicable < = Less Than > = Greater Than

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Company Health and Risk Assessment Unit, PO Box 1519, Gretna, LA 70054-1519.

**REVISION STATEMENT:** Changes have been made throughout this Material Safety Data Sheet. Please read the entire document.

### DISCLAIMER:

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