

**Material Safety Data Sheet  
(MIL-C-11796C CLASS 3)**

|   |   |
|---|---|
| <b>JMN Specialties, Inc.</b><br>1100 Victory Drive<br>Westwego, LA 70094<br>(504) 341-3749<br>ISO 9001 Registered | <b>HMIS HEALTH:</b> .....1<br><b>HMIS FLAMMABILITY:</b> .....1<br><b>HMIS REACTIVITY:</b> .....0<br><b>PERSONAL PROTECTION:</b> .....C<br><b>CHEMTEL EMERGENCY #:</b> .....800-255-3924<br><b>INTERNATIONAL: #</b> ..... +01-813-248-0585<br><b>CHEMTEL CONTRACT #:</b> .....MIS0002833 |
|---|---|

**SECTION 1 – IDENTIFICATION OF CHEMICAL PRODUCT**

**PRODUCT NAME:**..... MIL-C-11796C CLASS 3  
**EFFECTIVE DATE:**..... November 8, 2013  
**CHEMICAL FAMILY:**..... Paraffin Compound  
**FORMULA:**..... Proprietary  
**CAS NUMBER:**..... Blend

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

| <b>HAZARDOUS INGREDIENT</b>             | <b>PERCENT</b> | <b>CAS NUMBER</b> | <b>PEL</b>   |
|---|----------------|-------------------|--|
| Petrolatum                              | 38 - 40        | 800-90-38         | OSHA 5 mg/m3, ACGIH 10 mg/m3 (oil mist)                          |
| Cylinder Stock                          | 35 - 37        | 64742-62-7        | None Established   |
| Hydrotreated Heavy Napthenic Distillate | 17 - 19        | 64742-52-5        | OSHA 5 mg/m <sup>3</sup> , ACGIH 10 mg/m <sup>3</sup> (oil mist) |
| Lanolin                                 | 3 - 4          | 800-65-40         | None Established   |

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:**..... Amber Waxy Paste / Mild Solvent Odor

**SHORT TERM EXPOSURE:** **GENERAL:** Solvent 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. **NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. **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 may cause more severe irritation, with discomfort or pain. **SWALLOWING:** May cause headache, dizziness, nausea, vomiting, diarrhea, coma, and death.

# Material Safety Data Sheet (MIL-C-11796C CLASS 3)

OSHA REGULATED: ..... No  
LISTED CARCINOGEN: ..... NTP: No IARC MONOGRAPHS: No

## POTENTIAL HEALTH EFFECTS

INHALATION: ..... Irritant

INGESTION: ..... Irritant

SKIN (DERMAL): ..... Irritant

**OVER EXPOSURE EFFECTS:** **Inhalation:** Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath. **Ingestion:** Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. **Skin Contact:** May cause irritation to skin. Symptoms include redness, itching, and pain. **Eye Contact:** Causes irritation, redness, and pain. **Chronic Exposure:** No information found. **Aggravation of Pre-existing Conditions:** No information found.

## 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:**..... 435° 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 & Oxides of Nitrogen

**LOWER FLAME LIMIT:**..... ND

**HIGHER FLAME LIMIT:**..... ND

### UNUSUAL FIRE AND

**EXPLOSION HAZARDS:**..... Containers may explode from internal pressure if confined to fire. Cool with water spray.

### 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 (MIL-C-11796C CLASS 3)

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

For Chemical Emergency, Spill, Leak, Fire Exposure or Accident Call CHEMTEL Day or Night

CHEMTEL EMERGENCY NUMBER (24 Hour):.....1-800-255-3924  
CHEMTEL INTERNATIONAL EMERGENCY NUMBER (24 Hour): .....+01-813-248-0585  
CHEMTEL CONTRACT NUMBER:.....MIS0002833

**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. Store away from oxidizers or materials bearing a yellow "DOT" label.

### PRECAUTIONARY

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

## 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.

### 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.

# Material Safety Data Sheet (MIL-C-11796C CLASS 3)

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 spaces.

**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:** OSHA 5 mg/m<sup>3</sup>, ACGIH 10 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:** ..... Amber Waxy Paste / Mild Solvent Odor

**BOILING POINT:** ..... > 300°F

**FREEZING POINT:** ..... 135°F

**VAPOR PRESSURE:**..... Unknown

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

**SPECIFIC GRAVITY:** ..... 0.86 - 0.87

**pH:** ..... NA

**SOLUBILITY IN WATER:** ..... Insoluble

## 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 (MIL-C-11796C CLASS 3)

## 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).

This product is formulated with mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

## 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 and is not intended to convey all specific regulatory or operational requirements/information relating to this product. The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate regulations to properly classify your shipment for transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

**PROPER SHIPPING NAME:**..... Non-Regulated

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

**HAZARD CLASS AND LABEL:** None

**UN NUMBER:** ..... None

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

**PACKAGING SIZE:**..... Drum & Bulk

**Material Safety Data Sheet  
(MIL-C-11796C CLASS 3)**

**SECTION 15 - REGULATORY INFORMATION**

**SARA 311 CATEGORIES:**

**EPA ACUTE:**..... No

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

**EPA IGNITABILITY:** ..... No

**EPA REACTIVITY:** ..... No

**EPA SUDDEN RELEASE**

**OF PRESSURE:** ..... No

**CERCLA RQ VALUE:**..... None

**SARA TPQ:** ..... None

**SARA RQ:**..... None

**EPA HAZARD WASTE #:** ..... None

**CLEAN AIR:** ..... NA

**CLEAN WATER:**..... NA

**SARA SECTION 313:**..... No

**NFPA HEALTH:** ..... 1

**NFPA FLAMMABILITY:**..... 1

**NFPA REACTIVITY:** ..... 0

**DEA Chemical Trafficking Act:**.. No

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

# Material Safety Data Sheet (MIL-C-11796C CLASS 3)

## SECTION 16 - ADDITIONAL INFORMATION

**FOOT NOTES:** NA - NOT APPLICABLE ND - NO DATA AVAILABLE > = GREATER THAN < = LESS 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.

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

**DISCLAIMER:**

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, the Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving this MSDS will make their own determination as to its suitability for their intended purposes prior to use. Since the product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal Regulations concerning the Product. It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. **NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.**

\*\*\*\*\*  
**THIS IS THE LAST PAGE OF THIS MSDS**  
\*\*\*\*\*