

Dixie Packing & Seal Co  
 1900 Elm Tree Drive  
 Nashville, TN 37210  
 Ph: 615-883-5592

## MATERIAL SAFETY DATA SHEET

**Product Name:** LMS SAFETY SOLVENT DEGREASER 20658  
**Chemical Family:** Petroleum & citrus based solvent blend  
**Use:** Solvent Degreaser

**Manufacturer/Supplier:** JET-LUBE, INC.  
**Address:** 4849 Homestead Rd., Ste. #200  
 Houston, TX, 77028 USA **Phone:** 713-674-7617  
**Emergency Phone:** 713-674-7617 **Fax:** 713-678-4604  
**Chemtrec 24 hours (USA):** 800-424-9300

Hazardous Components	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
Petroleum Solvent	64742478	30-60	Oil Mist TWA 500 ppm	N/A	STEL: 10mg/M <sup>3</sup>
Citrus Solvent	5989275	30-60	UN	UN	
Carbon Dioxide	124389	2-5	10,000	5000	STEL: 54,000 mg/M <sup>3</sup>

**Main Hazards—Health Effects** **Eyes:** Causes irritation and pain if splashed into eye. **Ingestion:** May cause irritation of mouth & GI tract. Vomiting may aspirate into lungs and cause chemical pneumonia. **Inhalation:** May cause dizziness, nausea, possible death in high vapor concentration. **Skin:** For hypersensitive persons, may irritate the skin after prolonged periods of contact.

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Remove to fresh air. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

**Extinguishing Media:** Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist. **Unsuitable Extinguishing Media:** Water jet.  
**Protective Equipment for Fire fighting:** Self-contained breathing apparatus.

**Personal Precautions:** Wear gloves & protective overalls. **Environmental Precautions:** Do not allow it to enter drains.  
**Spillage:** Dries, leaving biodegradable residue.

**Handling:** No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

**Respiratory Protection:** None needed in well-ventilated areas. **Hand Protection:** Protective gloves for hypersensitive persons. **Eye Protection:** Glasses, if applied to parts in motion. **Body Protection:** Chemical resistant apron.

**Physical State:** Clear fluid **Color:** Water white **Odor:** Citrus **pH:** Neutral **Boiling Range/Point °F (°C):** >325 (163)  
**Melting Point °F (°C):** N/A **Flash Point (TCC) °F (°C):** >130 (54) **Autoignition Temperature °F (°C):** UN **Vapor Density:** >4.0  
**Explosive Properties:** LEL: 0.7% UEL: 6.1% **Evaporation Rate (Butyl Acetate):** <1.0 **Partition Coefficient (Log Pow):** N/A  
**Vapor Pressure (kPa):** <2.0 **Percent Volatiles:** 100% including propellant **Density (g/cm<sup>3</sup>):** 0.85 **Flammability:** Not flammable at ambient temperatures below 100°F (38°C). **OAR Value:** >5000 - Group 5 **Oxidizing Properties:** None **Water Solubility:** Negligible

**Stability:** Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition and extreme temperatures. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon. Residue mainly comprised of soot & mineral oxides.

**Acute Toxicity:** Not known. **Allergens:** Not known **Skin Sensitization:** Not known. **Irritancy—Skin:** Very mild  
**Subacute/Sub-chronic Toxicity:** Not known. **Genotoxicity:** None known. **Chronic Toxicity:** None known.  
**California Prop 65:** N/A **Carcinogen:** NTP: No IARC: UN OSHA: UN EC Class (67/548/EEC): UN LC-50: UN LD-50: UN

**Possible Effects:** May generate fractions that could act as a marine pollutant in extreme cases, but highly unlikely.  
**Behavior:** Relatively well behaved. Bioaccumulation potential nil.

**Environmental Fate:** Not thought to be toxic to marine or land organisms. A fluid of lower density than water. It will float.

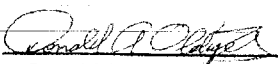
**Product Disposal:** Do not incinerate. Contact waste disposal company or local authority for advice. **Container Disposal:** Contact waste disposal company or local authority for advice for disposal of spent pressurized containers.

**D.O.T.:** Consumer Commodity ORM-D **UN No.:** Div. 2.1 UN1950 (<250g flammable solvent)

**Air Transport (ICAO & IATA):** Hazardous-pressurized container **Sea Transport (IMO & IMDG):** UN1950, Class 2

**Road & Rail Transport (ADR/RID):** UN1950, Class 2.1

**Labeling Information:** None needed **EC Annex 1 Classification:** N/A **R Phrases:** R22, harmful if swallowed.  
**S Phrases:** S3 keep cool. S16, keep away from ignition sources. **Ozone Depleting Chemicals:** None, nil. **TSCA 12B Components:** None  
**TSCA:** All components are listed. **WHMIS (Canada):** Class B, Div. B-3 **Canadian DSL:** All components listed.  
**40 CFR Part 372 (SARA Section 313):** N/A **CERCLA:** Nonhazardous **RCRA Hazard Class:** Nonhazardous **SARA 311/312:** None  
**New Jersey Right To Know:** See Section II

Signature:   
 Prepared by: Donald A. Oldiges  
 Date Issued: March 10, 2008

As of issue date, the information contained herein is accurate and reliable to the best of JET-LUBE'S knowledge. JET-LUBE® does not warrant or guarantee its accuracy or reliability and shall not be liable for any loss or damage arising out of the use thereof. It is the user's responsibility to satisfy itself that the information offered for its consideration is suitable for its particular use.

### LEGEND

- I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY
- II. COMPOSITION INFORMATION ON INGREDIENTS
- III. HAZARDS IDENTIFICATION
- IV. FIRST AID MEASURES
- V. FIRE FIGHTING MEASURES
- VI. ACCIDENTAL RELEASE MEASURES
- VII. HANDLING AND STORAGE
- VIII. EXPOSURE CONTROL/PERSONAL PROTECTION
- IX. PHYSICAL AND CHEMICAL PROPERTIES
- X. STABILITY AND REACTIVITY
- XI. TOXICOLOGICAL INFORMATION
- XII. ECOLOGICAL INFORMATION
- XIII. WASTE DISPOSAL
- XIV. TRANSPORT INFORMATION
- XV. REGULATORY INFORMATION
- XVI. OTHER INFORMATION

### HMIS SYMBOL

HEALTH	1
FLAMMABILITY	2
REACTIVITY	0
PPI	B

### NFPA SYMBOL

