

**MerLube Div., Adtec of Ohio, Inc (Formerly JJ Merlin Systems)**  
1245 S. Cleve-Mass Rd; Ste 218  
Copley, Ohio 44321  
sales@merlube.com • www.merlube.com

## MATERIAL SAFETY DATA SHEET (MSDS)

**NFPA Codes: Health: 1 • Fire: 1 • Reactivity: 0**

### SECTION 1- MATERIAL IDENTIFICATION

Material / Trade Name: **Mer\*Lube 422**

**Emergency Telephone:  
330-666-8609**

### SECTION 2- INGREDIENT

Specific information is considered as a trade secret and is withheld per CEF 1910:1200 (h). Medical personnel requiring this information should contact Adtec with their request per CFR 1010:1200 (h).

### SECTION 3- PHYSICAL DATA

Boiling Point, 760 mm Hg: N/A:	> 200°C	Volatiles, % by Volume:	Negligible
Specific Gravity (H <sub>2</sub> O=1):	0.92	Solubility in H <sub>2</sub> O, % by Volume:	Insoluble
Vapor Pressure, mm Hg:	< 1	Evaporation Rate, Butyl Acetate=1:	< 1
Vapor Density, Air=1:	> 1		
Appearance and Odor:	Light amber liquid with faint fatty odor		

### SECTION 4- FIRE AND EXPLOSION DATA

Flash Point (Method Used): > 315° C (COC)

Flammability Limits: None Known

Extinguishing Media: Dry Chemical, foam, halon. CO<sub>2</sub>, water spray (fog). Water stream may splash burning liquid and spread fire.

Special Fire Fighting Procedures: Use air supplied equipment for fighting interior fires. Cool fire exposed containers with water.

Unusual Fire Explosion Hazards: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

### SECTION 5- REACTIVITY DATA

Stability

Hazardous Polymerization

Stable  Unstable

May Occur  Will Not Occur

Conditions and Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: Combustion produces carbon monoxide and carbon dioxide along with thick smoke.

### SECTION 6- EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator.

PROTECTIVE CLOTHING: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing. PVC coated gloves recommended to prevent skin contact.

OTHER PROTECTIVE MEASURES: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

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## **SECTION 7- HAZARDS IDENTIFICATION**

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**INHALATION:** Negligible unless heated to produce vapors or as a mist. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness and nausea. Remove to fresh air.

**EYE CONTACT:** May cause irritation. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

**SKIN CONTACT:** Prolonged or repeated contact with skin is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.

**INGESTION:** Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

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## **SECTION 8- EMERGENCY AND FIRST AID PROCEDURES**

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**Eyes:** Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

**Skin:** Wash exposed areas of the body with soap and water.

**Inhalation:** Remove from area of exposure; seek medical attention if symptoms persist.

**Ingestion:** Call physician for advice.

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## **SECTION 9- EMPLOYEE PROTECTION**

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**Respiratory Protection:** Respirators approved for organic vapors.

**Protective Clothing:** Safety glasses, goggles or face shield recommended to protect eyes from mists or splashing. Neoprene or rubber gloves recommended preventing skin contact.

**Other protective Measures:** Employees must practice good personal hygiene, washing exposed areas of the skin several times daily and laundering contaminated clothing before re-use.

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## **SECTION 10- ENVIRONMENTAL PROTECTION- Accidental Release Measures**

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**Spill Clean-Up Procedures:** Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface. Follow local, state and federal disposal regulations.

**Environmental Hazards:** None

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## **SECTION 11- HANDLING & STORAGE**

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Store in closed containers between 50°F and 120° F.

Keep away from oxidizing agents, excessive heat and ignition sources.

Store and use in well-ventilated areas.

Do not store or use near heat, sparks, or flame; store out of sun.

Do not puncture, drag or slide this container.

Drum is not a pressure vessel. Never use pressure to empty.

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## **SECTION 12- DISPOSAL**

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Waste may be disposed of by a licensed water disposal company. Contaminated absorbent material may be disposed of in an approved land fill. Follow local, state and federal disposal regulations.

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## **SECTION 13- TRANSPORTATION REQUIREMENTS**

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Dot Shipping Name: Vegetable Oil  
DOT Classification: Class 65

DOT I.D. Number: 145100  
UN Hazard Class: n/a

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## **SECTION 14- REGULATORY INFORMATION**

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OSHA STATUS: This product is not hazardous under the criteria of the Federal OSHA hazard Communication Standard 29 CFR 1910.1200. However, thermal processing and decomposition fumes from this product may be hazardous as noted in Section 7.

TSCA STATUS: The components of this product are listed on TSCA.

CERCLA (Comprehensive Response Compensation, and Liability Act): Not reportable.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

Section 312 Extreme Hazardous Substances: None

Section 311/312 Hazard Categories: Non-hazardous Under Section 311/312

Section 313 Toxic Chemicals: None

RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

CALIFORNIA PROPOSTION 65: The following statement is made in order to comply with the California safe Drinking Water and Toxic Enforcement Act of 1986. The product contains no chemicals known to the State of California to cause cancer.

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### SECTION 15- DATE

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Date of Preparation: June 1, 1995

Revision Date: November 19, 2008

Reason for Revision: Format change & Name Change.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed to be accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.