

# Safety Data Sheet

## Section 1 PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT

**Product Name:** CLIsyntec Metal Tapping Fluid, Threading and Cutting Oil (1213-S)

**Product Description:** Mineral Oil and Additives

**Intended Use:** Lubricant

### COMPANY IDENTIFICATION

**Manufacturer:** Consultant Lubricants, Inc.  
9 Research Park Drive  
St. Charles, MO 63304 USA

**Telephone:** 636-926-9903  
**E-mail:** [info@clisyntec.com](mailto:info@clisyntec.com)  
**Website:** [www.clisyntec.com](http://www.clisyntec.com)  
**Emergency number:** 800-424-9300 CHEMTREC

## Section 2 HAZARDS IDENTIFICATION

**Classification:** Acute Toxicity – Category 5  
Aspiration Hazard – Category - 2



**Signal Word:** WARNING

**Hazard statement(s):** H303 + H313 + H333 May be harmful if swallowed, in contact with skin or if inhaled (mist)  
H305 May be harmful if swallowed and enters airways

**Precautionary statement(s):** Do not eat, drink or smoke when using this product.

## Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

**Substance / Mixture:** Mixture

Ingredient Name	CAS Number	TLV (ACGIH)	Concentration Range
Mineral Oil	64742-52-5	5 mg/m3 (oil mist)	50 – 70 %

Any concentration shown as a range is to protect confidentiality or due to batch variations.

## Section 4 FIRST-AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of water, lifting upper and lower eyelids. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact:** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists.

**Ingestion:** Rinse mouth and give water to dilute. Get medical attention if symptoms occur.

**Inhalation:** If adverse effects occur, remove to uncontaminated area. Get medical attention if symptoms persist.

### Signs and Symptoms of Exposure:

**Eye contact:** May cause eye irritation.

**Skin contact:** May be an irritant to sensitive individuals

**Ingestion:** May be irritating to mouth, throat and stomach.

**Inhalation:** No known effects or critical hazards.

**Medical Conditions Aggravated by Long-Term Exposure:** N/A

# Safety Data Sheet

## 1213-S

### Section 5

### FIRE FIGHTING MEASURES

#### EXTINGUISHING MEDIA

**Appropriate Extinguishing Media:** Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, foam, steam) or water fog. A water spray may be used to keep fire-exposed containers and surroundings cool.

**Inappropriate Extinguishing Media:** Do not use streams of water as this will scatter the liquid and spread the fire.

#### FIRE FIGHTING

**Fire Fighting Instructions:** Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply. Firefighters should use standard equipment and in enclosed spaces wear NIOSH/MSHA approved self-contained breathing apparatus (SUBA). Use water spray to cool fire-exposed surfaces and to protect personnel.

**Unusual Fire Hazards:** None

**Hazardous Combustion Products:** Incomplete burning can produce carbon monoxide and/or carbon dioxide and other toxic gases.

#### FLAMMABILITY PROPERTIES

**Flash Point:** >350°F , COC

**Flammable Limits:** LEL: N/D UEL: N/D

**Autoignition Temperature:** N/D

### Section 6

### ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear appropriate protective equipment including respiratory protection, eye protection and chemical resistant gloves. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Emergency Procedures:** Keep unauthorized personnel away. Move containers from spill area. Avoid entry into waterways and sewers basements or confined areas. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering.

**Containment/Clean-up Measures:** Stop leak if you can without risk. All equipment used when handling the product must be grounded. Absorb or cover with dry earth, sand or other non-combustible material to transfer to containers. Use clean non-sparking tools to collect absorbed material.

### Section 7

### HANDLING & STORAGE

**Precautions to Be Taken in Handling and Storing:** Store in original container out of direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Keep containers tightly closed and sealed until ready for use. Do not store in open, unlabeled or mislabeled containers.  
DO NOT EAT, DRINK, OR SMOKE IN WORK AREA.

**Other Precautions:** Do not use welding or cutting torch on or near drum even when empty. If improperly reused for other product, it could ignite. If welding over the product, in a post operation process, allow adequate ventilation in compliance with emission standards.

# Safety Data Sheet

## 1213-S

### Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory Protection (Specify type):** Avoid breathing mist. If ventilation is inadequate, use a NIOSH/MSHA certified respirator that will protect against dust/mist.

**Ventilation**

**Local Exhaust:** Adequate

**Mechanical (General):** N/A

**Protective Gloves:** None required; however, use of protective gloves(neoprene) is good industrial practice.

**Eye Protection:** For splash protection; Safety glasses or face shield.

**Other Protective Clothing/Equipment:** N/E

**Work / Hygienic Practices:** Wash hands thoroughly after use.

### Section 9 PHYSICAL PROPERTIES

**Appearance:** Clear Dark Brown Liquid

**Odor:** Petroleum oil

**pH:** N/A

**Boiling Point:** N/A

**Vapor Pressure (mm Hg.):** < 1.0 mmHg @ 68°F (20°C)

**Vapor Density (Air=1):** >1

**Specific Gravity:** 0.95 @ 77°F (25°C)

**Melting Point:** N/A

**Freezing Point:** N/A

**Flash Point:** >350°F, COC

**Evaporation Rate:** N/A

**Water Solubility:** Insoluble

### Section 10 STABILITY and REACTIVITY

**Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Incompatibilities (Materials to avoid):** Strong oxidizing agents, strong acids

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Avoid excessive heat and open flames.

### Section 11 TOXICOLOGICAL INFORMATION

#### INFORMATION ON LIKELY ROUTES OF EXPOSURE

**Eye contact:** Direct eye contact may cause irritation.

**Skin contact:** May be an irritant to sensitive individuals

**Ingestion:** May be irritating to mouth, throat and stomach.

**Inhalation:** No known effects or critical hazards.

#### SYMPTOMS RELATED TO PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS

Oil mist: Repeated exposure to levels of oil mists in excess of the exposure limits may result in accumulation of oil droplets in pulmonary tissue and may lead to irritation of the nose and throat. No adverse health effect is expected to occur at or below the exposure limits. No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

### Section 12 ECOLOGICAL INFORMATION

**Ecotoxicity (aquatic & terrestrial):** N/E

**Persistence and Degradability:** Rapidly biodegradable.

**Bioaccumulative Potential:** Contains constituents with the potential to bio accumulate.

**Mobility in Soil:** It will be absorb into soil particles and will not be mobile.

**Other Adverse Effects:** Ecological testing has not been conducted on this product.

# Safety Data Sheet

## 1213-S

### Section 13

### DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Disposal of this product and should at all time comply with the requirements of the environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and used products via a licensed waste disposal contractor. Empty containers should be disposed of according to all applicable federal, state, and local regulations, or sent to a qualified reconditioner. Do not use welding or cutting torch on or near drum even when empty.

Contact Consultant Lubricants, Inc. & Chemical Solutions Co., Inc. for waste disposal schedules at 636-926-9903.

### Section 14

### TRANSPORT INFORMATION

UN Number	Not Regulated
UN Proper Shipping Name	Non-flammable Compound
Transport Hazard Class(es)	N/A
Packing Group	N/A
Marine Pollutant (Yes/No)	No
Special Precautions	None

### Section 15

### REGULATORY INFORMATION

#### US Federal Regulations

**CERCLA Sections 102A/103 Hazardous Substances:** Not reportable.

**SARA Title III Section 302 Extremely Hazardous Substances:** Not regulated.

**SARA Title III Sections 311/312 Hazardous Categorization:** Mineral Oil, Hydrotreated

**SARA Title III Section 313:** Not regulated.

**U.S. Inventory (TSCA):** Listed on inventory. All components comply with TSCA.

**OSHA Hazard Communication Standard:** Listed by ACGIH. Listed by OSHA.

### Section 16

### OTHER INFORMATION

**Issue Date:** 06-01-2015

**Revision Date:**

#### HMIS ratings

Health: 1  
Flammability: 1  
Physical hazard: 0  
Personal Protection: B

#### NFPA ratings

Health: 1  
Flammability: 1  
Instability: 0  
Special:

N/E = Not Established    N/A = Not Applicable    N/D = Not Determined

#### DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy of completeness of this information. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.