



**RAINBOW TECHNOLOGY**  
Specialists in Utility Chemicals & Safety Items

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[www.rainbowtech.net](http://www.rainbowtech.net)

Woman-Owned Business Enterprise - Founded 1971

## Safety Data Sheet (SDS)

### SECTION I - PRODUCT AND COMPANY IDENTIFICATION

<b>Customer</b>	<b>RAINBOW TECHNOLOGY</b>
<b>Product Name</b>	<b>Cutting Oil</b>
<b>Product Number</b>	<b>85010</b>
<b>Manufacturer/Supplier</b>	Rainbow Technology Corporation 261 Cahaba Valley Parkway Pelham, AL 35124 800.637.6047 <a href="http://www.rainbowtech.net">www.rainbowtech.net</a>
<b>Contact Person</b>	Larry Joe Steeley, Jr.
<b>Emergency Information</b>	<b>CHEMTEL 1-800-255-3924</b> <b>813-248-0585 if located outside the U.S.</b>

**Revised Date:** June 17, 2015  
**Preparation Date:** February 14, 2014

### SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Flammable Aerosol: Category 1

Dissolved Gas

Eye Irritant: Category 2b

Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Extremely Flammable Aerosol Contains gas under pressure: May explode if heated. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 88%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



SYMBOL:

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

### SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Mineral Seal Oil	64741-44-2	60-100%
Petroleum Distillate, Solvent-Refined Heavy Paraffinic	64741-88-4	3-7%
Petroleum Distillate, Solvent-Refined Light Paraffinic	64741-89-5	1-5%
Carbon Dioxide	124-38-9	1-5%

# Safety Data Sheet (SDS)

## SECTION IV - FIRST AID MEASURES

**EYES:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.  
**INGESTION:** If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.  
**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.  
**SKIN:** Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.  
**ACUTE HEALTH HAZARDS:** Eye: stinging, tearing, redness  
Oral: Aspiration risk  
Skin: Prolonged or repeated contact may dry skin  
**CHRONIC HEALTH HAZARDS:** None known  
**NOTE TO PHYSICIAN:** If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

## SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, foam, or Carbon Dioxide (CO<sub>2</sub>).  
**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Wear SCBA in fire situations.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from sparks and open flames. No smoking. Do not spray on an open flame or other ignition source.  
**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.  
**SPILL:** Absorb spill with non-combustible material such as vermiculite, sand or earth.  
**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations.  
**RCRA STATUS:** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.  
**OTHER PRECAUTIONS:** Keep out of the reach of children.  
**INCOMPATIBILITY:** Strong oxidizing agents. Strong reducing agents.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Mineral Seal Oil	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Petroleum Distillate, Solvent-Refined Heavy Paraffinic	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Petroleum Distillate, Solvent-Refined Light Paraffinic	Not Established	Not Established
Carbon Dioxide	5000 ppm	5000 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate.  
**RESPIRATORY PROTECTION:** Not required with adequate ventilation  
**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves  
**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

# Safety Data Sheet (SDS)

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, Colorless Spray  
**ODOR:** Petroleum solvent odor  
**ODOR THRESHOLD:** N/D  
**BOILING POINT:** N/D  
**FREEZING POINT:** N/D  
**FLAMMABILITY:** Extremely Flammable Aerosol  
**FLASH POINT:** N/D  
**AUTOIGNITION TEMPERATURE:** N/D  
**LOWER FLAMMABILITY LIMIT:** N/D  
**UPPER FLAMMABILITY LIMIT:** N/D  
**VAPOR PRESSURE (mm Hg):** 30 @ 77°F (25°C)  
**VAPOR DENSITY (AIR=1):** > 1  
**EVAPORATION RATE:** < 1  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.815 @ 77°F (25°C)  
**pH:** N/A  
**SOLIDS (%):** N/D  
**SOLUBILITY IN WATER:** 0%  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D  
**VOLATILITY INCLUDING WATER (%):** 100%  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 0%  
**DIELECTRIC STRENGTH (Volts):** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** If exposed to strong oxidizers, presents explosion hazard.  
**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Temperatures greater than 122°F and sources of ignition.  
**INCOMPATIBILITY:** Strong oxidizing agents. Strong reducing agents.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon  
**POSSIBLE HAZARDOUS REACTIONS:** None Known

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Petroleum Distillates, solvent-refined heavy paraffinic (64741-88-4) LD<sub>50</sub> (Oral,Rat) > 5000 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) > 5000 mg/kg LC<sub>50</sub> (Inhalation, Rat) 22mg/L 1hr Mineral Seal Oil (64741-44-2) LD<sub>50</sub> (Oral, Rat) >5000mg/kg LD<sub>50</sub> (Dermal, Rabbit) >2000mg/kg  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** May cause irritation, redness.  
**INGESTION:** May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and abdominal cramps.  
**INHALATION:** May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness.  
**SKIN:** Causes irritation with prolonged contact.  
**MEDICAL CONDITION AGGRAVATED:** May aggravate pre-existing medical conditions.  
**ACUTE HEALTH HAZARDS:** Eye: stinging, tearing, redness  
Oral: Aspiration risk  
Skin: Prolonged or repeated contact may dry skin  
**CHRONIC HEALTH HAZARDS:** None known  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

# Safety Data Sheet (SDS)

## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Not Established  
**BIODEGRADABILITY:** Component or components of this product are not biodegradable.  
**BIOACCUMULATION:** This product is not expected to bioaccumulate.  
**SOIL MOBILITY:** This product is mobile in soil.  
**OTHER ECOLOGICAL HAZARDS:** None Known

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations.  
**RCRA STATUS:** Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Aerosols 2.2, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**PACKAGING GROUP:** N/A

### AIR SHIPMENT

**PROPER SHIPPING NAME:** Aerosols 2.2, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950

### SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.1  
**UN/NA NUMBER:** UN 1950  
**ENVIRONMENTAL HAZARDS WATER:** N/A

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None  
**SARA 311/312 HAZARD CATEGORIES:** Fire Hazard  
**SARA 313 REPORTABLE INGREDIENTS:** None  
**STATE REGULATIONS:** This product contains no known chemicals regulated by California's proposition 65.  
**INTERNATIONAL REGULATIONS:** None known

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	1	<b>HMIS FLAMMABILITY:</b>	1
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

# Safety Data Sheet (SDS)

## SECTION XVI - ADDITIONAL INFORMATION

N/A = Not Applicable; N/D = Not Determined

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.