



RAINBOW TECHNOLOGY
Specialists in Utility Chemicals & Safety Items

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Woman-Owned Business Enterprise - Founded 1971

Safety Data Sheet (SDS)

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer/Distributor	Rainbow Technology Corporation (800) 637-6047
Contact Person	Larry Joe Steele, Jr.
Emergency Phone # (24HRS)	Chem-Tel Inc. (800) 255-3924
Trade Name	Rainbow Multi-Purpose Lubricant
Product Number	4403
Chemical Family	Lubricants
Formula	Proprietary
Issue Date	March 17, 2015
Replaces MSDS dated	March 18, 2013

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HAZARDS IDENTIFICATION

Route of Entry: Eyes; Ingestion; Inhalation; Skin;

Target Organs: Eyes; Gastrointestinal tract; Respiratory system; Skin;

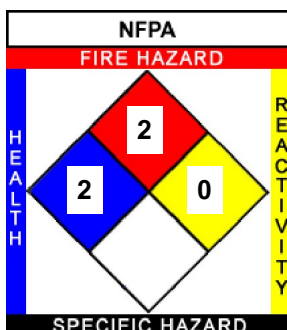
Inhalation: May cause respiratory tract irritation. May cause respiratory tract irritation.

Skin Contact: Redness, irritation, prolonged exposure may cause defatting, dermatitis.

Eye Contact: Mild irritation, redness, tearing

Ingestion: Nausea, vomiting, gastrointestinal irritation. Aspiration into lungs may cause chemical pneumonitis which can be fatal.

NFPA: Health = 2, Fire = 2, Reactivity = 0
 HMIS III: H2/F2/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARDS	0
PERSONAL PROTECTION A Safety Glasses	

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GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Acute toxicity, 5 Oral
- Health, Aspiration hazard, 2
- Physical, Gases Under Pressure, Dissolved Gas
- Physical, Flammable Aerosols, 2
- Health, Acute toxicity, 5 Dermal

GHS Phrases:

- H320 - Causes eye irritation
- H303 - May be harmful if swallowed
- H305 - May be harmful if swallowed and enters airways
- H280 - Contains gas under pressure; may explode if heated
- H223 - Flammable aerosol
- H313 - May be harmful in contact with skin

GHS Precautionary Statements:

- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P211 - Do not spray on an open flame or other ignition source.
- P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
- P403 - Store in a well ventilated place.

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
64741-44-2	10-20%	Distillates, petroleum, straight-run middle
64742-96-7	70-80%	Solvent naphtha, petroleum, heavy aliph.

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FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm, quiet. Get medical attention.
- Skin Contact:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.
- Eye Contact:** Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.
- Ingestion:** Do not induce vomiting. Get immediate medical attention. Aspiration into lungs due to vomiting may cause chemical pneumonitis which can be fatal. Never give anything by mouth to an unconscious person.

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FIRE FIGHTING MEASURES

Flammability:	Not available
Flash Point:	Approximately 150oF (TCC) Concentrate only.
Flash Point Method:	Flammable Aerosol Per ASTM D-3065-77 Aerosol Flame Extension Test
Burning Rate:	Not available.
LEL:	Not available.
UEL:	Not established

Dry powder, foam, carbon dioxide.

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ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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HANDLING AND STORAGE

Handling Precautions: Contents under pressure. Do not store at temperatures exceeding 120oF. Keep away from all sources of ignition.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Steps to Be Taken in Case Material is Released or Spilled: Eliminate all sources of ignition. Ventilate area. Wear NIOSH approved self-contained breathing apparatus if TLV is exceeded. Soak up small spills with oil absorbent material and place in container for disposal. Large spills unlikely due to container size.

Personal Protective Equip: HMIS PP, A | Safety Glasses
HMIS PP, B | Safety Glasses, Gloves

EXPOSURE LIMITS

	OSHA PEL	ACGIH TLV
Aliphatic Petroleum Distillate	5 mg/m3	5 mg/m3
Aliphatic Petroleum Distillate	10 ppm	

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark amber, clear liquid.
Physical State: Mixture packaged in pressurized aerosol spray can.
Odor: Soft pretroleum.
Solubility: Insoluble
Spec Grav./Density: 0.82 - 0.84
Percent Volatile: >5%
Boiling Point: 369-890 °F
VOC: >5%
Evap. Rate: <0.1

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: heat, sparks, open flames and temperatures above 120°F
Materials to Avoid: Strong Oxidizing Agents.
Hazardous Decomposition: Carbon Monoxide, Carbon Dioxide.
Hazardous Polymerization: Will not occur.

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11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Eye Effects: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin Effects: May cause skin irritation. Handling can cause dry skin.

Accute Inhalation Effects: May cause respiratory tract irritation. This product may be aspirated onto the lungs and cause chemical pneumonitis.

Chronic Effects: Not Hazardous by WHMIS/OSHA criteria.

Carcinogenicity: Not Hazardous by WHMIS/OSHA criteria.

Mutagenicity: Not Hazardous by WHMIS/OSHA criteria.

Teratogenicity: Not Hazardous by WHMIS/OSHA criteria.

12 ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment

Persistence / Degradability: Not available.

Bioaccumulation / Accumulation: Not available.

Mobility in Environment: Not available.

13 DISPOSAL CONSIDERATIONS

Before offering for recycling, empty the container by using the product according to the label.

If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with regulations.

14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1

UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity) or Aerosols, flammable (each not exceeding 1 L capacity) or Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity) or Aerosols, nonflammable (each not exceeding 1 L capacity) or Aerosols, poison, each not exceeding 1 L capacity



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15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Distillates, petroleum, straight-run middle (64741442 10-20%) TSCA

*Solvent naphtha, petroleum, heavy aliph. (64742967 70-80%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

DISCLAIMER:

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.

This information is given in good faith and based on our current knowledge of the product.