

MSDS - Material Safety Data Sheet

Product Name: LIQUID WRENCH TIRE LUBRICANT

MSDS No.: TLZ1

I. Basic Information:

Manufacturer: RADIATOR SPECIALTY COMPANY

Address: 600 RADIATOR ROAD

City, ST Zip: INDIAN TRAIL, NC 28079

Country:

Contact: Robert Geer

Information Telephone Number: 704-684--181 1

Emergency Contact: RMPDC (877-740-5015)

Emergency Telephone Number: 303-623-5716

Emergency Restrictions:

Product Name: LIQUID WRENCH TIRE LUBRICANT

MSDS No.: TLZ1

Issue Date: 12/12/2011

Supersedes Date: Not Available

II. Hazards Identification:

EMERGENCY OVERVIEW

KEEP AWAY FROM CHILDREN AND ANIMALS.

OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

Potential Health Effects

Route(s) of Entry:

Absorption, Inhalation, and Ingestion.

Health Hazards (Acute and Chronic):

See signs and symptoms below

Signs and Symptoms:

Eye Contact: May cause slight irritation

Skin Contact: Prolonged and repeated contact may result in slight irritation

Inhalation: If oil mist is inhaled for prolonged periods, may result in dizziness and nausea..

Ingestion: May result in nausea or stomach discomfort.

Medical Conditions Generally Aggravated by Exposure:

People with pre-existing skin disorders should avoid contact with this product

Other Health Warnings:

N/D

Potential Environmental Effects

Not Available

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
Naphthenic Petroleum Distillate	64742-52-5	85.0 - 100.0	
Tripropylene Glycol Monomethyl Ether	25498-49-1	1.0 - 5.0	

IV. First Aid Measures:

Emergency and First Aid Procedures:

Eye Contact: Flush eyes with clean water for 15 minutes while lifting eyelids and get prompt medical attention.

Skin Contact: Wash with soap and water thoroughly. If adverse effects persist, get prompt medical attention. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air. If breathing becomes difficult get prompt medical attention.

Ingestion: DO NOT INDUCE VOMITING! Call Poison Control Center, physician, or hospital emergency room immediately.

MSDS - Material Safety Data Sheet

Product Name: LIQUID WRENCH TIRE LUBRICANT

MSDS No.: TLZ1

Note to Physicians:

N/E

V. Fire Fighting Measures:

Suitable Extinguishing Media:

Water Fog, Foam, Carbon Dioxide, Dry Chemical

Unsuitable Extinguishing Media:

Do not use forced water stream as this could cause the fire to spread.

Products of Combustion:

Carbon dioxide, carbon monoxide, and various hydrocarbons

Protection of Firefighters:

Wear self-contained positive pressure breathing apparatus and protective clothes. Use shield to protect from rupturing and venting containers.

VI. Accidental Release Measures:

Personal Precautions:

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental Precautions:

Prevent run-off to sewers, streams, or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred. Run off to sewer may help create a fire hazard.

Methods for Containment:

Dike or contain spill and absorb with inert materials (sand, sawdust, absorbent sweeping compounds, rags, etc).

Methods for Cleanup:

Using a scoop, place contaminated material into an approved chemical waste container. Where possible, vacuum spilled liquid using an vacuum to recover material.

Other Information:

If run-off occurs, notify proper authorities as required that a spill has occurred.

VII. Handling and Storage:

Handling Precautions:

Handling: Use with adequate ventilation and proper protective equipment.

Do not use or store near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120° may cause container to vent, rupture, or burst. Keep away from children and animals.

Storage Precautions:

Keep container closed tightly when not in use.

Store in a cool place away from oxidizing agents.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Naphthenic Petroleum Distillate	5 mg/m3	5 mg/m3	Not Available
Tripropylene Glycol Monomethyl Ether	N/E	N/E	Not Available

Engineering Controls:

See above Section for applicable exposure limits. Maintain adequate ventilation.

Avoid breathing mist. In restricted areas, use approved chemical filters designed to remove mist. In confined areas, use approved air line type respirator or hood. A self-contained breathing apparatus is required for vapor or mist concentrations above TLV limit

Personal Protective Equipment:

For prolonged exposure wear protective safety glasses, gloves, and apron.

MSDS - Material Safety Data Sheet**Product Name: LIQUID WRENCH TIRE LUBRICANT****MSDS No.: TLZ1****IX. Physical and Chemical Properties:****Boiling Point:** 468 F**Boiling Range:** N/D**Solubility In Water:** Insoluble**Flash Point:** 289°F**Odor Threshold:** N/D**Vapor Density (AIR = 1):** > 5**pH Range:** N/A**Decomposition Temp:** N/D**Lower Explosive Limit:** N/D**Specific Gravity (H2O = 1):** 0.90**Other Information:** % Volatile: Nil**Melting Point:** -30°F**Freezing Point:** N/D**Evaporation Rate (Butyl Acetate = 1):** Slow**Flash Point Method:** Cleveland Open Cup**Appearance and Odor:** Clear pale or light amber oil with petroleum odor**Vapor Pressure (mm Hg.):** N/D**Partition Coefficient:** N/D**Auto-Ignition Temp:** N/D**Upper Explosive Limit:** N/D**X. Stability and Reactivity:****Stability:**

Stable

Conditions to Avoid:

Avoid heat, sparks, and flames. Avoid incompatible materials.

Incompatible Materials:

Avoid contact with strong oxidizing agents

Hazardous Decomposition Products:

Normal products of combustion, smoke, carbon dioxide, carbon monoxide, phosphorus, nitrogen and sulfur oxides.

Possibility of Hazardous Reactions:

Will not occur

XI. Toxicological Information:

N/D

XII. Ecological Information:

N/D

XIII. Disposal Considerations:

DISPOSAL: This container may be recycled in a recycling centers when empty. Before offering for recycling, empty the can or bottle 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 all local, state government and federal laws and regulations

XIV. Transport Information:**Shipping Name:** Not DOT Regulated**DOT Hazard Class:** Not Regula**UN/NA#:** Not Available**Transportation Information:****DOT Subsidiary Hazard Class:** Not Available**Packing Group:** Not Available

MSDS - Material Safety Data Sheet

Product Name: LIQUID WRENCH TIRE LUBRICANT

MSDS No.: TLZ1

DOT Shipping Name: Not DOT regulated.

DOT Hazard Class: None

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping purposes.

(US):
ICAO/IATA
Not Regulated

International:

ICAO/IATA:
Not Regulated

IMDG:
Not Regulated

XV. Regulatory Information:

SARA 313 Reportable Chemicals.
None

USA TSCA: All components of this material are listed on the US TSCA Inventory.

This product does not contains any California Prop 65 chemical(s) known to the State of California to cause cancer or birth defects or other reproductive harm.

State RTK Chemicals:
None

XVI. Other Information:

Chemical State: ☒ Liquid ☐ Gas ☐ Solid
Chemical Type: ☐ Pure ☒ Mixture
Hazard Category: ☒ Acute ☐ Chronic ☐ Pressure ☒ Fire ☐ Reactive



Additional Manufacturer Warnings:

Do not used in confined area without proper ventilation. Contact lenses may cause further damage in case of splash into eye. KEEP AWAY FROM CHILDREN AND ANIMALS!

N/E: Not Established
N/D: Not Determined
N/A: Not Applicable
N/AV: Not Available

Additional Product Information:

While Radiator Specialty Company believes this data is accurate as of the revision date, we make no warranty with respect to the data and we expressly disclaim all liability for reliance thereon. The data is offered solely for information, investigation, and verification. 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 MSDS. The user is responsible for full compliance.

1	Health
1	Flammability
0	Physical Hazard
B	Pers. Protection