

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER'S NAME: IMPERIAL SUPPLIES LLC
 MANUFACTURER'S ADDRESS: 789 PACKER DRIVE
 CITY, STATE, ZIP: GREEN BAY, WI 54307
 PHONE NUMBER: 800-558-2808
 EMERGENCY NUMBER: 800-255-3924 (CHEM-TEL)

PRODUCT NAME: SILICONE LUBRICANT
 CAS NUMBER: MIXTURE
 PRODUCT NUMBER: 730-1435
 IMPERIAL NUMBER: 5531, 5531-5

NFPA HAZARD RATING:
 HEALTH: 1
 FLAMMABILITY: 2
 REACTIVITY: 0

CHEMICAL FAMILY: ALIPHATIC DISTILLATE/SILOXANE MIXTURE
 SYNONYMS: 1,1,1, -FREE SILICONE LUBRICANT

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity/Common Name)
 CAS #: Percentage

 -
 Hydrotreated light distillate (petroleum) 64742-47-8 70.0-80.0
 Polydimethylsiloxane 63148-62-9 20.0-30.0

CAS #	OSHA PEL	ACGIH TLV	Other Limits
64742-47-8	No data	No data	300 PPM
63148-62-9	No data	No data	No data

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview

Contains Petroleum Distillates, Keep Away From Heat, Sparks, Open Flame. If Swallowed Do Not Induce Vomiting, Call A Physician Immediately. Keep Out Of Reach Of Children.

Health Hazards	Physical Hazards	Target Organs & Effects
<input type="checkbox"/> No Health Hazard	<input type="checkbox"/> No Physical Hazards	<input type="checkbox"/> Lungs <input type="checkbox"/> Central Nervous System
<input type="checkbox"/> Toxic	<input checked="" type="checkbox"/> Combustible Liquid	<input type="checkbox"/> Heart <input type="checkbox"/> Cardiovascular System
<input type="checkbox"/> Highly Toxic	<input type="checkbox"/> Compressed Gas	<input type="checkbox"/> Kidney <input type="checkbox"/> Mucous Membranes
<input type="checkbox"/> Reproductive Toxin	<input type="checkbox"/> Oxidizer	<input checked="" type="checkbox"/> Eyes <input type="checkbox"/> Autonomic Nervous Sys
<input checked="" type="checkbox"/> Irritant	<input type="checkbox"/> Flammable Gas	<input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Respiratory System
<input type="checkbox"/> Corrosive	<input type="checkbox"/> Explosive	<input type="checkbox"/> Prostate <input type="checkbox"/> Blood
<input type="checkbox"/> Sensitizer	<input type="checkbox"/> Flammable Liquid/Sol	<input type="checkbox"/> Blood <input type="checkbox"/> Mutagen

Carcinogenicity Pyrophoric Liver Teratogen
 Organic Peroxide
 Water Reactive
 Unstable (reactive)

Route (s) of Entry:

Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes
Other: None

Potential Health Effects (Acute and Chronic)
EYES; Irritating to eyes.

SKIN; Constant exposure to skin may cause drying or defatting of skin.

INGESTION: May cause blindness and death.

INHALATION; May cause dizziness, headaches and irritate respiratory tract.

CHRONIC

TARGET ORGAN EFFECTS; Central Nervous System, possible Kidneys

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Carcinogenicity/Other Information
None

Recommended Exposure Limits: No data available.
LD 50/LC 50: .5-5.0 g/kg

Signs and Symptoms of Exposure

Defatting of skin. Irritating to eyes. Ingestion may cause blindness and death.
Inhalation may cause dizziness, headaches and irritate respiratory tract.
Aspiration severe irritation and pulmonary edema.

SECTION 4. FIRST AID MEASURES

Emergency and First Aid Procedures

SKIN; Wash skin thoroughly with soap and water

EYES; Flush eyes with soap and water for at least 15 min. Call a physician.

Inhalation: Remove to fresh air. Give artificial respiration if necessary.
Call
a physician.

Ingestion: Do not induce vomiting. Keep at rest. Call a physician immediately.

Note to Physician
No data available.

Medical Conditions Generally Aggravated By Exposure
Not Available

SECTION 5. FIRE FIGHTING MEASURES

Flash Pt: 120.00 F (48.9 C)
Method Used: coc
Explosive Limits: LEL: .9 UEL: 7.0

Autoignition Pt: 540.00 F (282.2 C)

Extinguishing Media

Dry Chemicals, CO2 or Alcohol Resistant Foam.

Fire Fighting Instructions

Material floats on water. Material is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground to ignition sources.

Flammable Properties and Hazards

Avoid spraying water directly into storage containers due to danger of boil over. Cool fire exposed surfaces. Isolate fuel supply from fire.

Hazardous Combustion Products

No data available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled

Eliminate all sources of ignition. Recover free product. Minimize breathing vapors and skin contact. Dike spill, soak up with absorbent material, place in a suitable container. Keep out of sewers. Ventilate the area.

SECTION 7. HANDLING AND STORAGE

Hazard Label Information:

Do not store with strong oxidizers. Keep away from heat, sparks, flame.

Precautions To Be Taken in Handling

Eliminate ignition sources. Keep container closed when not in use.

Precautions To Be Taken in Storing

No data available.

Other Precautions

None

Work/Hygienic/Maintenance Practices

Use good personal hygiene at all times.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment Summary - Hazard Label Information

Adequate ventilation provided
Chemical resistant gloves
Safety glasses with side shield

Respiratory Equipment (Specify Type)

None, for normal use of consumer package.

If used in industrial setting, and exposure limits are exceeded, use a NIOSH/MSHA approved respirator.

Eye Protection

Safety Glasses

Protective Gloves
Chemical resistant gloves

Other Protective Clothing
Wear protective clothing and impervious gloves when working with chemicals.

Engineering Controls (Ventilation etc.)
Good general ventilation should be sufficient to control airborne levels.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: Gas Liquid Solid
Boiling Point: 302.00 F(150.0 C) to 390.00 F(198.9 C)
Melting Point: NE or NA to NE or NA
Specific Gravity (Water = 1): 0.72-0.82 at 20.0 C
Density: No data.
Vapor Pressure (vs. Air or mm Hg): 10mmHg at 25.0 C
Vapor Density (vs. Air = 1): 5.65 at 20.0 C
Evaporation Rate (vs Butyl Acetate = 1): 0.1 at 20.0 C
Solubility in Water: <0.1% at 20.0 C
Percent Volatile: 70.000 % by weight.
Saturated Vapor Concentration: NA NE or NA
Viscosity: 2.0 CST at 25.0 C
Heat Value: N/A
Particle Size: N/A
Octanol/Water Partition Coefficient: N/A
pH: N/A
Appearance and Odor: Clear, Solvent odor

SECTION 10. STABILITY AND REACTIVITY

Stability: Unstable Stable
Conditions To Avoid - Instability
None

Incompatibility - Materials To Avoid
None

Hazardous Decomposition Or Byproducts
Silicone Dioxide, Carbon Dioxide, Carbon Monoxide, Fumes and Smoke

Hazardous Polymerization: Will occur Will not occur
Conditions To Avoid - Hazardous Polymerization
Strong Oxidizers

SECTION 11. TOXICOLOGICAL INFORMATION

No data available.

Chronic Toxicological Effects
No data available.

SECTION 12. ECOLOGICAL INFORMATION

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with the Federal, State, and Local regulations.

SECTION 14. TRANSPORT INFORMATION

DOT Proper Shipping Name

Petroleum Distillates NOS (Mineral Spirits), 3, UN1268, 111.

DOT Hazard Class: 3, flammable liquid

DOT Hazard Label: flammable liquid label

UN/NA Number: UN1268

Additional Transport Information

IMDG: Refer to IMDG Codes

IATA: Refer to IATA Codes

This product may be reclassified according to 49 CFR section 173.150 for truck transportation.

SECTION 15. REGULATORY INFORMATION

New Jersey Right-To-Know: Odorless Mineral Spirits 64742-48-9: Silicone Fluid CAS #-T.S.

Volatile Organic Compounds (VOC): Mineral Spirits 5.97 LBS/GAL.

Partial Chemical Name	CAS:Sec.	302 (EHS)	Sec. 304 RQ	Sec. 313

Hydrotreated light distillate (petrole	64742-47-8	No	No	No
Polydimethylsiloxane	63148-62-9	No	No	No

CAS #	CA PROP 65	CWA NPDES	CAA HAP	CAA ODC

64742-47-8	No	No	No	No
63148-62-9	No	No	No	No

Hydrotreated light distillate (petrole

64742-47-8

No

No

No

Polydimethylsiloxane

63148-62-9

No

No

No

CAS #	CA PROP 65	CWA NPDES	CAA HAP	CAA ODC

64742-47-8	No	No	No	No
63148-62-9	No	No	No	No

64742-47-8

No

No

No

No

63148-62-9

No

No

No

No

TSCA (Toxic Substances Control Act) Lists:

CAS #	5 (A) (2)	6 (A)	8 (A)	8A CAIR	8A PAIR	8C	8D	8D TERM
64742-47-8	No	No	No	No	No	No	No	No
63148-62-9	No	No	Yes	No	Yes	No	Yes	No

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec. 302: EPA SARA Title 111 Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.

Sec. 304: EPA SARA Title 111 Section 304: CERCLA Reportable + Sec. 302 with Reportable Quantity. ** indicates statutory RQ.

Sec. 313: EPA SARA Title 111 Section 313 Toxic Release Inventory.

Note: - Cat indicates a member of a chemical category.

Other Important Lists:

CA PROP 65: California Proposition 65
CWA NPDES: EPA Clean Water Act NPDES Permit Chemical
CAA HAP: EPA Clean Air Act Hazardous Air Pollutant
CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

TSCA (Toxic Substances Control Act) Lists:

5 (A) (2): Chemical Subject to Significant New Rules (SNURS)
6 (A): Commercial Chemical Control Rules
8 (A): Toxic Substances Subject To Information Rules on Production
8A CAIR: Comprehensive Assessment Information Rules - (CAIR)
8A PAIR: Preliminary Assessment Information Rules - (PAIR)
8C: Records of Allegations of Significant Adverse Reactions
8D: Health and Safety Data Reporting Rules
8D TERM: Health and Safety Data Reporting Rule Terminations

EPA Hazard Categories: This material meets the EPA "Hazard Categories" defined for SARA Title 111 Sections 311/312 as indicated:

Acute (immediate) Health Hazard: Yes
Fire Hazard: Yes
Chronic (delayed) Health Hazard: Yes
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

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Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes all risk in his use of the material.

SECTION 16. OTHER INFORMATION

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