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MAINTENANCE SUPPLIES SINCE 1958
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Home > Products > MSDS Sheets > MSDS 5531 -- [Back]

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5531: SILICONE LUBE 1 GALLON
5531-5: SILICONE LUBE 55 GALLON
MSDS Last updated: 11/21/2002

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[Assortments & Steel](#)
[Assortment Listing](#)
[Catalog Index](#)

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 Li
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. Swallowed Do Not Induce Vomiting, Call A Physician Immediately. Keep Out Reach Of Children.

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Physical Hazards Lungs Central Nervous
 Combustible Liquid Heart Cardiovascular
 Compressed Gas Kidney Mucous Membran
 Oxidizer Eyes Autonomic Nerv
 Flammable Gas Skin Respiratory Sy
 Explosive Prostate Blood
 Flammable Liquid/Sol Blood Mutagen
 Prophoric Liver Teratogen
 Organic Peroxide
 Water Reactive
 Unstable (reactive)

Skin? Yes Eyes? Yes Ingestion?

(Acute and Chronic)

On skin may cause drying or defatting of skin.

Blindness and death.

Dizziness, headaches and irritate respiratory tra

Central Nervous System, possible Kidneys

IARC Monographs? No OSHA Regulat

Information

Notes: No data available.

10g

Ensure

Washing to eyes. Ingestion may cause blindness and
 Blindness, headaches and irritate respiratory tract
 Swallowing and pulmonary edema.

SECTION 4. FIRST AID MEASURES

Procedures

Wash with soap and water

Wash with water for at least 15 min. Call a physician

Get fresh air. Give artificial respiration if necessary

Stop vomiting. Keep at rest. Call a physician immedi

Very Aggravated By Exposure

Flash Pt: 120.00
Method Used: coc
Explosive Limits:
Autoignition Pt:

Extinguishing Med
Dry Chemicals, CO

Fire Fighting Ins
Material floats o
Either the liquid
the ground to ign

Flammable Propert
Avoid spraying wa
over. Cool fire e

Hazardous Combust
No data available

Steps To Be Taken
Eliminate all sou
vapors and skin c
suitable containe

Hazard Label Info
Do not store with

Precautions To Be
Eliminate ignitio

Precautions To Be
No data available

Other Precautions
None

Work/Hygienic/Mai
Use good personal

S

Protective Equipm
Adequate ventilat
Safety glasses wi

Respiratory Equip
None, for normal
If used in indust
NIOSH/MSHA approv

Eye Protection
Safety Glasses

Protective Gloves
Chemical resistan

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 transportation.

SECTION 15. REGULATORY INFORMATION

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

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

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

Partial Chemical Name	CAS:Sec.	302 (EHS)	Sec. 304 RQ
Hydrotreated light distillate (petrole	64742-47-8	No	No
Polydimethylsiloxane	63148-62-9	No	No

CAS #	CA PROP 65	CWA NPDES	CAA HAP
64742-47-8	No	No	No
63148-62-9	No	No	No

CAS #	TSCA (Toxic Substances Control Act) Lists:							
	5 (A)	(2)	6 (A)	8 (A)	8A CAIR	8A PAIR	8C	8D
64742-47-8	No		No	No	No	No	No	No
63148-62-9	No		No	Yes	No	Yes	No	Yes

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists
Sec. 302: EPA SARA Title 111 Section 302 Extremely Hazardous
with TPQ. * indicates 10000 LB TPQ if not volatile

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

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

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" d 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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SECTION 16. OTHER INFORMATION

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