

Material Safety Data Sheet

1. Chemical Product and Company Identification

Product Name: LubeTube™
 Part Number 00150 & 00450 & 00550
 Product Type Lubricant

2. Composition, Information on Ingredients

Ingredients
 Hydrogenated polyalphaolefins 70-80%
 Mineral oil 10-20%
 Modified silicon dioxide 5-10%
 Thermal stabilizer 3-5%
 Polyether ployol 1-3%
 Antioxidant 0.1-3%
 Poly(tetrafluoroethylene) 0.1-3%
 Proprietary additive 0.1-1%

The proprietary additive is registered with the state of New Jersey as a trade secret: NJ TSRN 06-070-1067-5018P.

Ingredients which have exposure limits:

Exposure Limits:	ADGIH (TLV)	OSHA (PEL)	<u>OTHER</u>
Mineral oil	5mg/m3 TWA mist	5mg/m3 TWA mist	None
Modified silicon dioxide	10mg/m3	6mg/m3	6mg/m3
Antioxidant	None	None	10mg/m3
Poly(tetrafluoroethylene)	None	None	AEL(DuPont) 5mg/m3 8hr dust
Exposure Limits (STEL)	ADGIH	OSHA	
Mineral oil	10mg/m3 mist	None	

3. Hazards Identification

Toxicity May cause slight irritation in contact with skin or eyes.
 Primary routes of entry None known
 Signs and symptoms
 of exposure: Irritation of skin or eyes. May cause dermatitis on prolonged contact in sensitive individuals.
 Existing conditions
 Aggravated by Exposure None known

Ingredients	Target Organ & Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Hydrogenated polyalphaolefins	No data	No	No	No
Mineral oil	No data	No	No	No
Modified silicon dioxide	NUI	No	No	No
Thermal stabilizer	No data	No	No	No
Polyether ployol	IRR NER	No	No	No
Antioxidant	No data	No	No	No
Poly(tetrafluoroethylene)	No data	No	N/A	No
Proprietary additive	No data	No	No	No

Abbreviations: N/A: Not applicable, NER: Nervous system, IRR: Irritant, NUI: Nuisance dust

4. First Aid Measures

Ingestion: Do not induce vomiting. Keep individual calm.
Obtain medical attention.
Inhalation Does not apply
Skin Contact Remove by wiping. Wash with soap and water.
Eye Contact Wash with copious amounts of water. Obtain medical attention.

5. Fire Fighting Measure

Flash Point: More than 428°F Method: Cleveland open cup
Recommended
Extinguishing Agents Carbon dioxide, foam, dry chemical
Procedures: Self contained respiratory protection should be provided for fighting fires in confined areas.
Hazardous Products
formed by fire or Decomp Irritating organic vapors; oxides of carbon
Unusual Fire or Explosive
hazards None known
Explosive Limits:
(% by volume in air)Lower Not available
(% by volume in air)Upper Not available

6. Accidental Release Measures

Steps to be taken in case
of spill or leak Scrape up with an inert absorbent. Store in a closed container until disposal. Surfaces subject to spills with this product can be slippery.

7. Handling and Storage

Safe Storage: Keep containers closed. Good manufacturing procedures should be followed.
Avoid prolonged skin contact. Keep away from eyes.

8. Exposure Controls, Personal Protection

Eyes: Safety glasses or goggles
Skin: Rubber or plastic gloves
Ventilation: None required
Respiratory: None required.
See section 2 for exposure limits.

9. Physical and Chemical Properties

Appearance: Translucent white to slightly yellow grease.
Odor: Slight
Boiling point: Not available
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: 0.87 to 0.89
Volatile Organic Compound
(EPA Method 24)
Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not available

10. Stability and Reactivity

Stability: Stable
Hazardous Polymerization Will not occur

Incompatibility: Not available
Conditions to avoid Not available
Hazardous Decomposition
Products(non-thermal) None

11. Toxicological Information

See section 3

12. Ecological Information

No data available

13. Disposal Considerations

Recommended methods of disposal: Incinerate following EPA and local regulations
EPA Hazard Waste No. NH – not a RCRA Hazardous Waste Material

14. Transportation Information

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number None
Marine Pollutant None
IATA
Proper Shipping Name Unrestricted
Hazard Class or Division Unrestricted
UN or ID Number None

15. Regulatory Information

CA Proposition 65: No California proposition 65 chemicals are known to be present.

16. Other Information

Estimated NFPA® Code
Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated MHIS(R) Code
Health Hazard 1
Flammability Hazard 1
Reactivity Hazard 0
Personal Protection See section 8

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HMIS is a registered TM of National Paint and Coatings Association