

Section 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

Company Identification:

Inpol Inc.
1590B Main St.
Coventry, RI 02816-8442
USA

Phone/Fax: (401) 828-0556

Health Emergency: Contact local poison control center

Date of Preparation or Revision: 7/7/14

Product Name: Inpol-Lube

Health HMIS 0

Product Line: Biodegradable Lubricants
Non-Hazardous

Flammability HMIS 1

Reactivity HMIS 1

Section 2: HAZARD IDENTIFICATION

Emergency Overview:

Hazard Summary:

If product is involved in fire; thermal decomposition can lead to release of irritating gases/vapor CO and CO₂, may be released that may be irritating eyes and respiratory system.

Section 3: COMPOSITION/INFORMATION ON INGREDIENT

Ingredients:	CAS#	Weight%	ACGIH
Food grade canola oil	120962-03-0	>78.5	15 mg/m ³
Oleic Acid	112-80-1	1.6	--

(A compound with Glycerol Esters, Oxidized Homopolymers and Acrylic Ion)

Classified as Non-Hazardous

The composition of percent weight for this product unless stated, is proprietary information and regarded as a trade secret, as allowed by 29 CFR 1910.1200.

Section 4: FIRST AID MEASURES

Ingestion: If discomfort occurs give water or milk. Do not induce vomiting, aspiration may occur. Contact a physician. (Never give anything by mouth to an unconscious person.)

Eye Contact: If eye irritation occurs flush eyes with water for at least 15 min. If eye irritation persists, get medical attention.

Skin Contact: If dermal irritation occurs wash with soap and water. If dermal irritation persists, get medical attention.

Inhalation: Unlikely route of exposure, under normal conditions.

Other Information: If product is involved in fire irritating fumes may be released, remove persons to fresh air. If breathing is difficult, give oxygen. Get medical attention.

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Avoid water stream on molten burning material as it may scatter and spread the fire. Watch footing on floors and stairs because of possible melting and spreading of material.

Unusual Fire Hazards: Non-hazardous under normal conditions of use. Product can release irritating fumes, if involved in a fire. Use appropriate protective equipment.

Other Information:

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Watch footing on floors, stairways and stationary equipment. Product may cause slippery conditions. (See Section 8 for additional info.)

Environmental Precautions: Prevent discharge into drains or water courses.

Methods for Cleanup: Larger spill; contain spill with inert material. On floors absorb in dry sand or other suitable material and wash with detergent. Place collected material in appropriate container for disposal according to local regulation.

Other Information:

Section 7: HANDLING AND STORAGE

Handling Procedures: Wash hands thoroughly after handling material.

Storage: Avoid excessive heat, store in a ventilated cool dry area away from direct heat or sunlight. Avoid spillage which can cause slippery conditions on floors.

Other Information:

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No evidence of adverse effects, from available information.

Engineering Controls: General room ventilation is adequate for storage and handling. Emergency eye wash station is recommended.

Personal Protection: S 37/39

Eye: Wear approved safety glasses.

Hand: Use protective gloves; latex, vinyl or nitrile.

Skin and Body: Work clothing covering body

Hygiene Measures: Wash hands after handling material. Remove and wash contaminated clothing before re-use. Keep working clothes separately.

Other Information: For safety; know your work area.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colloidal suspension (at ambient) **Color:** Amber

Odor: Waxy odor

Boiling Point/Range: > 260 °C

Odor Threshold: N/D

Partition Coefficient (n-Octanol/Water): N/D

Melting Point Range: 92 – 140 °C

Flash Point: > 290 °C (open cup method)

Autoignition Point: N/D

Vapor Density (Air = 1): >1

Explosion limit (vol % in air):
LEL: N/A
UEL: N/A

Vapor Pressure: N/A

Density: 0.92g/cm³ (at ambient)

Viscosity: N/D

pH: N/A

Solubility in Water: Negligible

Evaporation Rate: N/A

Other Information:

Section 10: STABILITY AND REACTIVITY

Stability: Normally Stable.

Hazardous Decomposition: Depending on conditions of fire, CO and CO₂ gases may be generated.

Incompatible Materials: Strong oxidizing agents and amines. S14

Hazardous Polymerization: Will not occur.

Other Conditions to Avoid: Oxidizing conditions.

Section 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Skin: May cause negligible dermal irritant.

Eyes: May cause mechanical irritation.

Ingestion: May cause nausea, vomiting, diarrhea.

Inhalation: Unlikely route of exposure.

Chronic Exposure: None known with the customary industrial use of this product.

Aggravated Medical Condition: None known.

Carcinogenicity: No component of this product is identified as a known or anticipated carcinogen by NPT, IARC or OSHA.

Toxicity Data:

Skin: No end point data. Negligible irritation at ambient temperature. Based on assessment of the components.

Eye: No end point data. May cause short-lasting irritation to eyes. Based on assessment of the components.

Ingestion: L/D 50 >5000 mg/Kg Minimally toxic. Based on assessment of the components and structurally similar materials.

Inhalation: No end point data. Unlikely route of exposure, under normal working conditions.

Other Information:

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be harmful to aquatic organisms.

Persistence and Degradability: Product is readily biodegradable, non-toxic. 94% 28 day(s).

Bioaccumulative Potential: Bioaccumulation in aquatic organisms is not expected.

Mobility in Soil: Product has negligible solubility in water and not expected to migrate through soil to groundwater.

Other Information:

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Discard as non-hazardous organic waste. Incinerate in a properly engineered facility.

Regulatory Disposal Statement: Disposer must comply with Federal, State and Local disposal or discharge laws.

Other Information:

Section 14: TRANSPORT INFORMATION

Land (DOT): Not regulated for land transport.

Sea (IMDG): Not regulated for sea transport.

Air (IATA): Not regulated for air transport.

Other Information:

Section 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

TSCA (Toxic Substance Control Act): Components are stated to be listed on the TCSA inventory.

CERCLA (Comprehensive Response Compensation, and Liability Act): Product and components are not regulated.

SARA 311/312 Hazards: Components are not listed.

Canada: DSL (Domestic Substance List): Components are listed.

WHMIS: Not Rated

California Prop. 65: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

Other Information:

Section 16: OTHER INFORMATION

Safety Phrases: S37/39 Wear suitable gloves and eye protection. (Section 8)
S14 Keep away from incompatible materials. (Section 10)

N/A = Not applicably

N/D = Not determined

Information found in this Safety Data Sheet was obtained from component suppliers and various public sources.

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