

# SAFETY DATA SHEET

## Inland MotorShaft Lubricant



SDS No: 50022  
Revision Date: 03/28/2014  
Version: 2.0

This SDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Inland MotorShaft Lubricant

**Other identifiers:** Motor Shaft Lubricant, shaft lubricant  
Inland Product Number: 50022

**Recommended use:** Facilitate removal of grinding heads and arbors from machine motor shafts.

**Manufacturer**  
Inland Craft Products, Co.  
32052 Edward Dr.  
Madison Heights, MI 48071  
USA  
Telephone: (248) 583-7150  
Website: www.inlandcraft.com

**Emergency telephone numbers**  
(248) 583-7150  
Monday-Friday, 8:00 am - 5:00 PM EST

**Medical Emergencies:**  
(800) 222-1222 (Poison Control in USA)  
911

### SECTION 2 - HAZARDS IDENTIFICATION

**Color:** Translucent white

**Physical State:** Semi-solid

**Odor:** Mild

**Health Hazards**

**Eye** Contact with eyes may cause irritation.

**Skin** Prolonged and/or repeated skin contact may result in mild irritation or redness. Personnel with pre-existing skin disorders should avoid contact.

**Ingestion** May cause nausea, diarrhea, and stomach discomfort.

**Inhalation** When used as intended, this should not occur. In the event it is breathed in as a mist, it may cause irritation of the respiratory tract.

#### HMIS Classification

Health hazards	0
Flammability	1
Physical hazards	0
PPE	B

#### NFPA Rating

Health hazards	0
Fire	1
Reactivity hazards	0
PPE	B

## SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

### Hazardous Ingredients

COMPONENT	OTHER NAMES	CAS		%
Polytetrafluorethane	PTFE	9002-84-0		2 to 5
<b>Proprietary Components:</b>			<b>N.J.T.S.R.N.</b>	<b>%</b>
Synthetic Oil			80100362-5008P	85 to 95
			80100362-5004P	2 to 5
			80100362-5014P	2 to 5

## SECTION 4 - FIRST-AID MEASURES

<b>Eye Contact</b>	Flush with water for at least 15 minutes.
<b>Skin Contact</b>	Wash with soap and water. See physician if irritation persists.
<b>Inhalation</b>	Remove victim to fresh air, apply artificial respiration if needed, and get medical attention promptly if distress occurs.
<b>Ingestion</b>	Call a physician. Do not induce vomiting. Keep warm.
<b>Effects of Overexposure</b>	May cause irritation to eyes and skin on sensitive individuals.

## SECTION 5 - FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	Flashpoint: (ASTM 0-92) C.O.C. 325°F Flamability Limits: Not determined
<b>Extinguishing Media</b>	CO <sub>2</sub> , dry chemical foam, water fog, foam.
<b>Fire Fighting Procedures</b>	Treat as oil fire; use self-contained breathing apparatus.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Remove all sources of ignition in the vicinity of the spilled material. Personal Protective Equipment must be worn, See PPE section 8.
<b>Steps for Clean-up</b>	Stop flow, scrape, wipe, mop up, or absorb with diatomaceous earth or other inert material. Keep in suitable, closed containers for disposal.
<b>Environmental</b>	Prevent entry into soil, sewers and waterways.

## SECTION 7 - HANDLING AND STORAGE

<b>Handling</b>	Avoid prolonged skin contact, breathing vapors and contaminated clothing. Use with adequate ventilation. Wear recommended protective equipment. Practice good personal hygiene after handling. Always replace lid or cap after use.
<b>Storage</b>	Do not store unopened. Ambient temperatures are recommended.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Controls</b>	No special requirements under ordinary conditions of use and with adequate ventilation.
<b>Personal Protection</b>	
<b>Ventilation</b>	Use in areas of adequate ventilation.
<b>Respiratory</b>	No respiratory protection normally required. In case of mist, spray or aerosol exposure, wear suitable personal respiratory equipment tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<b>Eye</b>	No special eye protection is normally required. Where splashing is possible, wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
<b>Skin</b>	Neoprene or nitrile rubber gloves are recommended if needed to avoid prolonged contact or for persons with skin sensitivities.
<b>Hygienic Practices</b>	Practice good personal hygiene after handling.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

The data listed is typical properties and does not constitute a specification.

### Appearance

<b>Physical State</b>	Semi-solid
<b>Color</b>	Translucent white
<b>Odor</b>	mild

### Safety Data

<b>pH</b>	Not Determined
<b>Melting point / freezing Point</b>	Not Determined
<b>Initial boiling point / boiling range</b>	Not Determined
<b>Flash point</b>	325 °F (163 °C)
<b>Auto ignition temperature</b>	Not Determined
<b>Evaporation rate (Butyl Acetate=1)</b>	Not Determined
<b>Lower explosive limit</b>	Not Determined
<b>Upper explosive limit</b>	Not Determined
<b>Vapor pressure</b>	Not Determined
<b>Density (Air=1)</b>	Not Determined
<b>Solubility in water</b>	Insoluble
<b>Partition coefficient (n-octanol/water)</b>	Not Determined
<b>Relative vapor density</b>	Not Determined
<b>Odor threshold</b>	Not Determined
<b>Evaporation rate</b>	Not Determined
<b>Viscosity cSt @ 40°C</b>	781

## SECTION 10 - STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Do not heat above flash point.
<b>Incompatible Materials</b>	Strong oxidizing agents, welding.
<b>Hazardous Decomposition</b>	Carbon Monoxide, Carbon Dioxide, Trace Fluorine Compounds.
<b>Hazardous Polymerization</b>	Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Ingestion	Swallowing material may cause nausea, diarrhea and stomach discomfort.
Skin contact	Not expected to be a primary skin irritant. Prolonged or repetitive contact may cause irritation, especially on sensitive individuals.
Eye contact	May cause eye irritation.

### Information on toxicological effects:

<b>Skin corrosion/irritation</b>	no data available
<b>Serious eye damage/irritation</b>	no data available
<b>Respiratory sensitization</b>	no data available
<b>Germ cell mutagenicity</b>	no data available
<b>Carcinogenic effects</b>	This material has not been identified as a carcinogen by NTP, IARC, or OSHA.
<b>Reproductive toxicity</b>	no data available
<b>Mutagenic effects</b>	no data available
<b>Specific target organ toxicity - single exposure</b>	no data available
<b>Specific target organ toxicity - repeated exposure</b>	no data available
<b>Aspiration hazard</b>	no data available
<b>Synergistic effects</b>	no data available

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Toxicity</b>	The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.
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## SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be in compliance with federal, state, and local laws

## SECTION 14 - TRANSPORT INFORMATION

<b>DOT (US)</b>	Not regulated
<b>IMO &amp; IMDG</b>	Not regulated
<b>ICAO &amp; IATA</b>	Not regulated
<b>RAIL</b>	Not regulated

## SECTION 15 - REGULATORY INFORMATION

<b>TSCA</b>	All components of this material are on the USA TSCA Inventory or are exempt.
<b>CERCLA</b>	Non hazardous.
<b>SARA 313 Components</b>	None.
<b>SARA 311/312 Hazards</b>	No SARA Hazards.
<b>US. California Proposition 65</b>	This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
<b>INTERNATIONAL REGULATIONS:</b>	
<b>AUSTRALIA</b>	All components of this material are on the Australian Inventory of Chemical Substances (AICS) or are exempt.
<b>CANADA</b>	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List (DSL).
<b>EU</b>	All components of this material are listed on the European Community Inventory (EINECS/ELINCS)
<b>NEW ZEALAND</b>	All components of this material are on the New Zealand Inventory of Chemicals (NZIoC)

## SECTION 16 - OTHER INFORMATION

### **Manufacturer Disclaimer:**

The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. Judgement of potential hazards of this product is based on information available about individual components listed in Section 3 - Composition, Information on Ingredients. Direct testing of this mixture has not been done. The information given herein is believed to be accurate and is given in good faith, is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. However, no warranty is either expressed or implied. This company shall not be held liable for any damage resulting from handling or from contact with the above. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.