

# PLASTIC PROCESS EQUIPMENT INC.

8303 CORPORATE PARK DR., MACEDONIA, OH 44056  
(216) 367-7000 FAX (216) 367-7022

## MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NO. 1-800-238-5823

**PRODUCT TRADE NAME:** White Lithium Grease

**PRODUCT CODE:** WLGxx

**EFFECTIVE DATE:** December 17, 2010

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THIS MATERIAL SAFETY DATA SHEET CONTAINS ENVIRONMENTAL, HEALTH AND TOXICOLOGY INFORMATION FOR YOUR EMPLOYEES. PLEASE MAKE SURE THIS INFORMATION IS GIVEN TO THEM. IT ALSO CONTAINS INFORMATION TO HELP YOU MEET COMMUNITY RIGHT-TO-KNOW/EMERGENCY RESPONSE REPORTING REQUIREMENTS UNDER SARA TITLE 111 AND MANY OTHER LAWS. IF YOU RESELL THIS PRODUCT, THIS MSDS MUST BE GIVEN TO THE BUYER OR THE INFORMATION INCORPORATED IN YOUR MSDS.

**DOT HAZARDOUS CLASSIFICATION:** NOT REGULATED GREASE OR OIL - N.O.S.

**NFPA HEALTH HAZARD:** 1 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **SPECIAL HAZARD:** N/A

### SECTION 01 -CHEMICAL AND PHYSICAL PROPERTIES

IF PRESENT, IARL, NTP AND OSHA CARCINOGENS AND CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE 111, SECTION 313 ARE IDENTIFIED IN THIS SECTION.

(NON-HAZARDOUS) COMPONENTS	CAS NUMBER	CONTENTS:	EPA RQ:	TPQ:
DISTILLATES (PETROLEUM), SEVERELY HYDROTREATED HEAVY NAPHTHENIC	64742-54-5	70-100%	N/A	N/A
ZINC OXIDE (ZnO)	1314-13-2	1-5%	N/A	N/A

**EXPOSURE LIMIT FOR TOTAL PRODUCT:** 5 mg/m3 for oil mist (aerosol) for an 8-hour workday

**BASIS:** Regulation 29 CRF 1910.1000 and recommended by the American Conference of Governmental Industrial Hygienists (ACGIH). ACGIH states that the air is to be sampled by a method that does not collect vapor; in addition, it lists a 10 mg/m3 STEL.

### SECTION 02-PHYSICAL DATA

SOLUBILITY VALUE (g/100g H2O 68°F): <0.1	WATER SOLUBILITY. . . . .	N/A
SP, GRAVITY . . . . . 0.90	MELTING POINT, FE . . . . .	345
COLOR . . . . . WHITE	VOLATILE BY VOLUME, % . . . . .	N/A
ODOR. . . . . MILD, PETROLEUM	VAPOR DENSITY . . . . .	<0.01 mmHg
DENSITY/SPECIFIC GRAVITY (g/ml):: 0.90	EVAPORATION RATE:. . . . .	<0.01

### SECTION 03-FIRE AND EXPLOSION HAZARDS

**FLASH POINT:(ASTM D92) C.O.C.** 435EF **UPPER FLAMMABLE LIMIT: 7% LOWER FLAMMABLE LIMIT: 0.9%**  
(Approximate percent by volume in air)

**EXTINGUISHING MEDIA:** Use Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water to keep fire-exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Avoid water in straight hose stream: will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

**UNUSUAL FIRE & EXPLOSION HAZARD:** Pressure will increase in over heated, closed containers.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of Carbon.

**PROTECTIVE MEASURES IN CASE OF FIRE:** Self-contained breathing equipment and chemical resistant clothing recommended.

**SECTION 04-ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** Minimize skin contact:

**PRECAUTIONS TO PROTECT THE ENVIRONMENT:** Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.

**DISPOSAL METHODS:** Spills material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

**SECTION 05-HEALTH HAZARD**

**CHRONIC EFFECTS OF OVEREXPOSURE:** Exposure to vapors generated at high temperatures may cause respiratory irritation. Not regarded as a health hazard under current legislation.

**SENSITIZATION:** No known information.

**PRE-EXISTING MEDICAL CONDITIONS, WHICH MAY BE AGGRAVATED BY EXPOSURE:** None recognized.

**SECTION 06- EMERGENCY FIRST AID PROCEDURES:****EYES:**

Immediately flush with water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

**SKIN:**

Remove contaminated clothing and wash area thoroughly with soap and water. Launder or dry-clean clothing before reuse.

**INHALATION:** Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start Resuscitation; administer oxygen, if available. If overexposed to oil mist, remove from further exposure until excessive oil mist condition subsides.

**INGESTION:** If ingested, DO NOT induce vomiting; call a physician immediately.

**SECTION 07-REACTIVITY**

**STABILITY:** Normally stable.

**CONDITIONS TO AVOID:** Avoid contact with acids and oxidizing substances.

**POLYMERIZATION:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of Carbon.

**SECTION 08-SPECIAL PROTECTION**

**VENTILATION:** Normally not needed under ordinary conditions. No smoking or use of flame or other ignition sources.

**RESPIRATORY PROTECTION:** Normally not needed. Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

**PROTECTIVE GLOVES:** Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

**EYE PROTECTION:** Use splash goggles or face shield when eye contact may occur.

**OTHER PROTECTIVE EQUIPMENT:** Use chemical-resistant apron or other impervious clothing, if needed.

**SECTION 09- PRECAUTIONS**

**HANDLING AND STORAGE:** Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Do not reuse container. Keep lid closed when not in use. Do not store or mix with strong oxidizers. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place.

**SECTION 10-TRANSPORTATION**

**D.O.T.:** Not regulated

**REPORTABLE QUANTITY:** N/A

**FREIGHT CLASSIFICATION:** Petroleum Lubricating Grease

**SPECIAL TRANSPORTATION NOTES:** N/A

**SECTION 11-OSHA REQUIRED LABEL INFORMATION**

IN COMPLIANCE WITH HAZARD AND RIGHT-TO-KNOW REQUIREMENTS, WHERE APPLICABLE OSHA HAZARD WARNINGS MAY BE FOUND ON THE LABEL, BILL OF LADING OR INVOICE ACCOMPANIES THIS SHIPMENT.

NOTE: PRODUCT LABEL MAY CONTAIN NON-OSHA RELATED INFORMATION ALSO.

**WE BELIEVE THE STATEMENT, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE RELIABLE, BUT THEY ARE GIVEN WITHOUT WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, AND WE ASSUME NO RESPONSIBILITY FOR ANY LOSS, DAMAGE, OR EXPENSE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THEIR USE.**