

### Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>B4027BL GREASE-IT BLUE</b>	<b>Date Prepared:</b> 04-06-2015
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

### Section 2 ~ Hazard(s) Identification

**Classifications** This product is not considered hazardous by OSHA Hazard Communication Standard 29 CFR 1910.1200

**Label Elements**  
**Hazardous Pictogram**



**Signal Word:** Warning

**Hazard Statement** May be harmful in contact with skin. May cause eye irritation.

**Precautionary Statement**

**General** Keep out of reach of children. Read label before use.

**Prevention and Personal Protection Equipment** Always wear eye or face protection. Protect exposed skin from prolonged use

**Hazardous Response** **Eyes:** Rinse eyes continually for several minutes. **Skin:** Wash affected skin with soap and water.

**Storage** Not applicable.

**Disposal** Always return waste to appropriate collection center. Dispose of empty containers in accordance with all national, state and local regulations.

### Section 3 ~ Composition/Information on Ingredients

**Mixtures:** This product contains no substances which at their given concentrations are to be considered hazardous to health and safety.

**Additional Information:** This product is a Lithium Complex Grease blended with a mixture of mineral oil with additives. The formulation is considered a trade secret and specific chemical names and/or percentages of the components have not been disclosed.

### Section 4 ~ First Aid Measures

**General Information:** Not expected to contain or cause any specific health or safety hazards when used in accordance with label.

**INGESTION:** Seek medical attention if discomfort occurs. Do not induce vomiting.

**SKIN:** Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

**EYE:** Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Consult a physician.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms persist or if unconscious.

**NOTES TO PHYSICIAN:** No Data

### Section 5 ~ Fire Fighting Measures

**Conditions Of Flammability:** Heat, sparks, flame, red hot metal

**Suitable Means Of Extinction:** Water, CO<sub>2</sub>, dry chemical, or universal aqueous film forming foam.

**Unsuitable Extinguishing Media:** Not available

**Flash Point And Method Of Determination:** 455 F ASTM D92 (Cleveland Open cup)

**Flammable Limits: Lower (LEL):** No data **Upper (UEL):** No data

**Auto Ignition Temperature:** Not Available

**Hazardous Combustion Products:** Oxides of Carbon (CO, CO<sub>2</sub>), smoke, and vapors as products of incomplete combustion.

**Explosion Data-Sensitivity To Mechanical Impact:** Not available

**Explosion Data-Sensitivity To Static Discharge:** Not available

**Special Fire Fighting Procedures:** Use water spray to cool fire exposed containers as contents can rupture violently from heat developed pressure. Firemen should wear self-contained breathing apparatus.

**Special Fire And Explosion Hazards:** Not available

### Section 6 ~ Accidental Release Measures

**Notification Procedures:** Report spills/releases as required to appropriate authorities. Some regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks.

**Procedures if Material is Released or Spilled: For Land Spills** shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of absorbed residues as directed in Section 13. **For Water Spills** confine the spill immediately with booms. Notify port and/or other relevant authorities. Remove from the surface by skimming or with suitable absorbents.

**Environmental Precautions:** Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil or vegetation.

### Section 7 ~ Handling and Storage

**Handling:** No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection.

**Storage:** Keep contains closed when not in use. Do not store in open or unlabeled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, or flame.

**Empty Container Warning:** Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to drum re-conditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

### Section 8 ~ Exposure Controls/Personal Protection

**Exposure Limit Values:** When mists/aerosols can occur, the following are recommended: 5 mg/m<sup>3</sup> (as oil mist) – ACGIH Threshold Limit Value (TLV), 10 mg/m<sup>3</sup> (as oil mist) – OSHA Permissible Exposure Limit (PEL).

Lithium Hydroxide Mono Hydrate	AIHA WEEL	Ceiling	1.8 mg/m <sup>3</sup>
Mineral Oil	ACGIH	TWA- Vacated and	
		TWA	5.0 mg/m <sup>3</sup>
Zinc Alkyl Dithiophosphate	ACGIH	TWA	5.0 mg/m <sup>3</sup>

**Engineering And Exposure Controls:** General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation, or an enclosed handling system may be necessary to control air contamination below that of the lowest PEL rated ingredient from Section 2.



**Personal Protective Equipment Pictograms:**

**Respiratory Protection:** When mists are generated, and/or when ventilation is not adequate, wear a NIOSH approved respirator with an appropriate cartridge. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary within the United States.

**Skin And Hand Protection:** For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

**Eye Protection:** Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

**Other Protective Equipment:** Safety showers and eye-wash stations should be available in the workplace

**Hygiene Measures:** Avoid breathing vapors and contact with the skin and eyes. Keep out the reach of children. Wash hands after use.

**Section 9 ~ Physical Chemical Properties**

Flash Point (COC): >455F	Percent Volatile: 0% Wt (0% Vol) max
Melting/Freezing Point: Not available	VOC Content: 0.0 lbs/gal (0.0 g/L)
Specific Gravity (H <sub>2</sub> O=1): 0.870g/cc	Percent VOC: 0% Wt (0% vol) Max
Weight: 7.8 lbs/gal	HAP Content: 0.0 lbs/gal (0.0 g/L)
Vapor Pressure: <1 mm Hg	Viscosity: >220 SSU
pH: Not available	MIR Value: 0.0
Vapor Density: Not available	Odor Threshold: Not available
Evaporation Rate: Not available	Coeff. Of Water/Oil Dist: Not available
Physical State: Paste	Appearance: Red or Blue Semi-solid
Water Solubility: Insoluble	Odor: Slight Petroleum

**Section 10 ~ Stability and Reactivity**

**Stability:** Stable  
**Conditions Of Instability:** Not available  
**Hazard Polymerization:** Not expected to occur  
**Material Incompatibility:** Strong oxidizers  
**Conditions Of Reactivity:** Extreme heat and high energy sources of ignition  
**Decomposition Products:** At elevated temperatures oxides of carbon can be produced.

**Section 11 ~ Toxicological Information**

**Carcinogenicity:** The petroleum base oil contained in this product has been highly refined by a variety processes including hydro treating and dewaxing to remove aromatics and improve performance characteristics. None of these oils used are listed as a carcinogen by NTP, IARC or OSHA.

**Section 12 ~ Ecological Information**

**Ecotoxicity**

INGREDIENT	FISH LC50	DAPHNIA EC50	ALGAL IC50	BACTERIAL EC50
Base Oil	>10 g/l/96 hr	Not available	Not available	Not available

**Mobility:** When released into the environment, absorption to sediment and soil will be the predominant behavior.  
**Persistence:** Not available  
**Degradability:** This product is expected to be inherently biodegradable.  
**Bioaccumulation:** Unlikely due to the very low water solubility of the product.  
**Other Ecologic Data:** Do not allow to enter waters, waste water, or soil.  
**Effect On Ozone Layer:** This product does not contain any ozone depleting ingredients.

**Section 13 ~ Disposal Considerations**

**Waste Management Information:** Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and Regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

**Section 14 ~ Transport Information**

**NON-REGULATED MATERIAL:** All Modes  
**NMFC DESCRIPTION (United States)**  
 Item Description: Compounds, Lubricating  
**Item Number:** LC222, 221,220  
**Class:** 55-65

**Section 15 ~ Regulatory Information**

UNITED STATES-FEDERAL										
Ingredient CAS #	TSCA		RCRA		CERCLA		SARA 313		SARA 311/312	
United States-States:										
Ingredient	CA	DE	FL	MA	PA	MN	NJ	NY	WA	
Canada:										
Ingredient	A	B	D1B	D2A	D2B	E	DSL	NDSL	NPRI	CWC

**WHMIS Classification:** Not regulated  
 This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.  
**European Union:**

**Ingredient** EINECS SYMBOL RISK PHRASES SAFETY PHRASES  
**SARA (313) Toxic Release Inventory:** This material may contain chemical(s) regulated under SARA. For specific question contact customer service.

**RoHS Compliance:** This product is RoHS compliant according to the definitions and restrictions given by The European Parliament (Directive 2002/95/EC) and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

**Section 16 ~ Other Information**

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	1	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	0	1= Slight 0= Minimal

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