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MATERIAL DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **OATEY PLUMBERS GREASE**

Part Numbers: 30620
Product Use: Lubricate metal parts of faucets and valves.
Formula: See Section 3.
Synonyms: All-Purpose Grease, Lithium Grease #2
Firm Name & Mailing Address: Oatey Company
4700 West 160th Street - P.O. Box 35906
Cleveland, OH 44134 <http://www.oatey.com>

Emergency Phone Numbers: For Emergency First Aid call 1-877-740-5015 or 1-303-623-5716 COLLECT. For chemical transportation emergencies ONLY, call CHEMTREC at : (800)424-9300. Outside the U.S. (703)527-3887.

Information Telephone Number: (216) 267-7100 or (800) 321-9532
Prepared By: Technical Department
Contact: Information telephone number – (216) 267-7100
Preparation Date: June 12, 2012

SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview:
Amber colored grease with a mild petroleum odor. Direct eye contact may cause minor irritation. Not expected to be a skin irritant with short term exposure.

Potential Health Effects:

Skin: Not expected to be a skin irritant. Prolonged and repeated skin contact may cause dermatitis.

Eyes: Not expected to be a primary eye irritant. Direct contact may cause mild irritation.

Inhalation: This product has low volatility and so is not expected to cause respiratory tract irritation during normal conditions of use. Exposure to high mist levels in poorly ventilated areas may cause temporary irritation to the upper respiratory tract.

Ingestion: Ingestion may cause slight stomach irritation and discomfort.

OSHA Hazard Classification: Not hazardous.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS:</u>	<u>% wt/wt:</u>	<u>CAS NUMBER:</u>
Mineral oil	<95%	Proprietary

SECTION 4 FIRST AID MEASURES

CALL 1-877-740-5015

- Skin:** Remove contaminated clothing. Wash thoroughly with soap and water. Call a physician or poison control center if irritation develops. Wash clothing before reuse.
- Eyes:** Hold eyelids open and rinse eyes with water for 15 minutes. Get medical attention if irritation develops.
- Inhalation:** If signs or symptoms of overexposure occur, move to fresh air. If symptoms persist, get medical attention.
- Ingestion:** **NEVER** give anything by mouth if victim is unconscious. Have victim rinse mouth thoroughly with water. Have victim drink a small amount of water, 2 to 8 ounces. **DO NOT INDUCE VOMITING.** If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

SECTION 5 FIRE FIGHTING MEASURES

- Extinguishing Media:** Use dry chemical, CO₂, water, or foam extinguisher.
- Special Fire Fighting Procedures:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.
- Unusual Fire and Explosion Hazards:** None known.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Spill or Leak Procedures:** As with any spill or leak, before responding, ensure that you are familiar with the potential hazards and recommendations of the MSDS. Appropriate Personal Protective Equipment (PPE) must be worn. See Section 8 of this MSDS for PPE recommendations.
- If possible, safely contain the spill with dikes or other spill response equipment appropriate for petroleum or organic material releases. Take measures to prevent spreading of product. Note that while product will ignite it will not readily burn. However, as a precaution eliminate ignition sources. Prevent from entering sewers or waterways. Large volumes may be transferred to an appropriate container for proper disposal. Small volumes or residues may be soaked up with absorbents. Spill response materials should be collected for proper disposal.

SECTION 7 HANDLING AND STORAGE

- Handling:** As with any industrial chemical, handle the product in a manner that minimizes exposure to practicable levels. Prior to handling, consult Section 8 of this MSDS to evaluate Personal Protective Equipment needs. Open containers slowly to relieve any pressure. Follow all other standard industrial hygiene practices.

Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep containers closed when not in use.

Product residue in empty containers is combustible but will not readily burn. Note however, that excessive heating or cutting of empty containers may create an ignition source sufficient to start a fire and in extreme cases, cause an explosion.

- Storage:** Store in original, labeled container. Protect product quality by storing indoors and away for extreme temperatures. Close all containers when not in use.
- Other:** None.



SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>INGREDIENTS:</u>	<u>CAS NUMBER:</u>	<u>ACGIH TLV TWA</u> ¹	<u>OSHA PEL TWA</u> ²
Mineral oil	Confidential	5 mg/m ³	5 mg/m ³ (oil mist)

¹ ACGIH TLVs AND BEIs, 2010 edition

² 29CFR 1910.1000 Table Z-3, 7-1-2010 edition

Ventilation:	Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practicable levels. Ventilation should at a minimum, prevent airborne concentrations from exceeding any exposure limits listed above.
Respiratory Protection:	For operations where the TLV may be exceeded, a NIOSH approved particulate respirator or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.
Skin Protection:	Gloves are not normally needed during normal conditions of use. If irritation is experienced, oil or chemical resistant gloves such as butyl or nitrile are recommended.
Eye Protection:	Wear eye protection appropriate to prevent eye exposure. Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.
Other:	Eye wash and safety shower should be available.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Flashpoint / Method:	340 Deg. F COC
Flammability:	LEL = Not determined, UEL = Not determined
Boiling Point:	Not determined.
Melting Point:	Not determined
Vapor Pressure:	Not determined.
Vapor Density:	(Air = 1) Greater than 1.
Volatile Components:	None.
Solubility In Water:	Insoluble.
pH:	Not applicable.
Specific Gravity:	0.917 @ 20 Degrees C.
Evaporation Rate:	Not applicable.
Appearance:	Amber semi-solid.
Odor:	Mild petroleum.
Will Dissolve In:	Mineral oil.
Material Is:	Semi-solid.

SECTION 10

Stability:
Conditions To Avoid:

Hazardous
Decomposition
Products:

Incompatibility/
Materials To Avoid:
Hazardous
Polymerization:

STABILITY AND REACTIVITY

Stable.
Avoid contact with incompatible materials and exposure to extreme temperatures.
Thermal decomposition products are dependent on combustion conditions. A complex mixture of airborne solid, liquid, particulates and gases may evolve when the material burns. Combustion byproducts may include oxides of carbon, burned hydrocarbons as fumes and smoke.
Strong oxidizing agents.
Will not occur.

SECTION 11

Inhalation:
Skin:

Eye:
Ingestion:
Toxicity Data:
Sensitization:
Carcinogenicity:
Mutagenicity:
Reproductive
Toxicity:
Medical Conditions
Aggravated By
Exposure:

TOXICOLOGICAL INFORMATION

Mineral oil mist is known to cause upper respiratory irritation.
Prolonged and repeated contact may cause irritation or dermatitis. Symptoms may be delayed.
Contact may cause mild, temporary irritation.
No significant effects.
No data available.
None of the components are known to cause sensitization.
None of the components have been found to be carcinogenic.
None of the components have been found to be mutagenic.
None of the components are known to cause adverse reproductive effects.
None known.

SECTION 12

Ecotoxicological
information:

Environmental Fate:

VOC Information

VOC Content

ECOLOGICAL INFORMATION

This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.
The degree of biodegradability and persistence of this product has not been determined.
This product emits VOC's (volatile organic compounds) in its Information use. Make sure that use of this product complies with local VOC emission regulations, where they exist.
15.6 grams/liter (1.7% by wt.) as produced.

SECTION 13

Waste Disposal:

DISPOSAL CONSIDERATIONS

Ensure that collection, transport, treatment, and disposal of waste product, containers and rinsate comply with all applicable laws and regulations. Note that use, mixture, processing, or contamination of the product may cause the material to be classified as a hazardous waste. It is the responsibility of the product user or owner to determine at the time of disposal, whether the product is regulated as a hazardous waste.

EPA Hazardous Waste Number: None.
EPA Hazard Waste Class: None.

SECTION 14 TRANSPORT INFORMATION

DOT

Proper Shipping Name: Not regulated.
Hazard Class/Packing Group: None.
UN/NA Number: None.
Hazard Labels: None.

IMDG

Proper Shipping Name: None.
Hazard Class/Packing Group: None.
UN/NA Number: None.
Hazard Labels: None.

2008 North American Emergency Response Guidebook Number: None.

SECTION 15 REGULATORY INFORMATION

Hazard Category for Section 311/312: None.

Section 302 Extremely Hazardous Substances (TPQ): This product does not contain chemicals regulated under SARA Section 302.

Section 313 Toxic Chemicals: This product does not contain chemicals regulated under SARA Section 313.

CERCLA 103 Reportable Quantity: This product does not contain chemicals regulated under CERCLA.

State Regulations: This product contains mineral oil, and as used, may be regulated by state used oil regulations. Check with the appropriate state agency to determine whether such a regulation exists.

TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

Canadian WHMIS Classification: Not a controlled product.
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.

SECTION 16 OTHER INFORMATION

NFPA and HMIS:

NFPA Hazard Signal	Health: 1	Flammability: 1	Reactivity: 0	Special: None
HMIS Hazard Signal:	Health: 1	Flammability: 1	Reactivity: 0	PPE: B

Disclaimer:

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