

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 PRODUCT AND COMPANY IDENTIFICATION**

Trade Name: Faucet & Valve Grease

Part Nos.	050005-30	050035-12	050051	050120	20-4047	PLGREASE
Covered by	050007	050035-48	050055-12	050125	2WY65	PV060116
this MSDS:	050010-48	050050-12	050055-48	050126	403683	S95-709
	050020	050050-48	050060-48	050190	440945	
	050025	050050-C	050115	050200	45090	
	050030	050050-D	050116	11-1024	461253	

Product Use: General purpose lubrication.  
Formula: See Section 2.  
Synonyms: All Purpose Grease, Lithium Grease #2  
Firm Name & Mailing Address: William H. Harvey Company 4334 South 67<sup>th</sup> Street  
Omaha, Nebraska 68117, U.S.A. <http://www.wmharvey.com>  
Phone Number: (402) 331-1175 or (800) 228-9681  
Emergency Phone Numbers: For Emergency First Aid call Toll Free 1-877-740-5015 For chemical transportation emergencies ONLY, call Chemtrec at 1-800-424-9300. Outside the U.S. 1-703-527-3887.  
Prepared By: Technical Department  
Preparation Date: April 29, 2009

**SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS:	%wt/wt:	CAS NUMBER:	ACGIH TLV TWA:	ACGIH STEL:	OSHA PEL TWA:
Mineral Oil	<95	Proprietary	5 mg/m3 (as mist)	10 mg/m3 (as mist)	5 mg/m3 (as mist)

**SECTION 3 HAZARDS IDENTIFICATION**

POTENTIAL HEALTH EFFECTS AND SYMPTOMS from SHORT TERM /ACUTE EXPOSURE:

Skin: Short term skin contact is not expected to cause skin irritation. Prolonged or repeated direct exposure to the skin may result in symptoms of irritation and redness.

Eyes: This product is not expected to cause eye irritation under normal conditions of use. Symptoms of slight eye irritation may result when direct contact occurs, or when exposed to high mist levels in poorly ventilated areas.

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.

POTENTIAL CHRONIC HEALTH EFFECTS:

No further data known.

Medical

Conditions

Aggravated by

Exposure: No further data known.

**11-1024**

#### **SECTION 4 FIRST AID MEASURES**

FOR EMERGENCY FIRST AID HELP CALL TOLL FREE 1-877-740-5015

EYE CONTACT: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes.

SKIN CONTACT: Remove product from the skin by washing with a mild soap and water. Contaminated clothing should be removed to prevent prolonged exposure. If product is injected under the skin, seek medical treatment immediately. If symptoms of exposure persist, contact a physician.

INHALATION: If signs or symptoms of overexposure occur, remove the person to fresh air. If symptoms persist, seek medical attention.

INGESTION: If ingested, dilute stomach contents with two glasses of milk or water.

Note: Do Not give anything by mouth to an unconscious person. Do not induce vomiting without medical supervision. If vomiting occurs spontaneously, keep airway clear. If symptoms of ingestion persist, seek medical attention.

NOTE TO PHYSICIAN:

No further data known.

#### **SECTION 5 FIRE FIGHTING MEASURES**

Flashpoint/Method: 340 Deg. F / COC

Flammability: LEL = Not Applicable, UEL = Not Applicable.

Extinguishing: In accordance with NFPA guidance, dry chemical, foam, or CO2 fire extinguishers are all acceptable. Note that while water fog extinguishers are also acceptable, do NOT apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

Special Fire Fighting: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Procedure:

Unusual Fire And Explosion

Hazards: None

Hazardous

Decomposition

Products: None

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Clean-Up Measures: 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 citting of empty containers may create an ignition source sufficient to start a fire and in extreme cases, cause an explosion.

Storage: Protect product quality by storing indoors and away for extreme temperatures. Close all containers when not it use.

**SECTION 8                      EXPOSURE CONTROLS/PERSONAL PROTECTION**

Personal Protective Equipment: Selection of Personal Protective Equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

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.

Skin Protection: Gloves are not normally needed during normal conditions of use. If health effects are experienced , oil or chemical resistant gloves such as butyl or nitrile are recommended. Where splashing or soaking is likely, wear oil or chemical resistant clothing to prevent exposure.

Respiratory Protection: A respirator may be worn to reduce exposure to vapors, dust, or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration has not been confirmed to be below safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in 29 CFR 1910.134.

Engineering Controls: 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 in Section 2 of this MSDS.

The user may wish to refer to 29 CFR 1910.1000(d) (2) and the ACGIH "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices" (Appendix C) for the determination of exposure limits of mixtures. An industrial hygienist or similar professional may be consulted to confirm that the calculated exposure limits apply.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Physical Appearance: Amber colored grease  
Odor: Mild Petroleum  
Physical State: Semi-solid  
Water Solubility: Insoluble  
Specific Gravity: .917

**SECTION 10 STABILITY AND REACTIVITY**

Stability: Stable.  
Conditions To Avoid: Avoid contact with incompatible materials and exposure to extreme temperatures.  
Hazardous Thermal decomposition products are dependent on combustion conditions. A complex mixture of airborne solid, liquid, Decomposition particulates and gases may evolve when the material burns.  
Products: Combustion byproducts may include oxides of carbon, burned Hydrocarbons as fumes and smoke.  
Incompatibility/  
Materials To Avoid: Strong oxidizing agents.  
Hazardous  
Polymerization: This product is not expected to polymerize.

**SECTION 11 TOXICOLOGICAL INFORMATION**

Inhalation: No toxicological data known.  
Skin: No toxicological data known.  
Eye: No toxicological data known.  
Ingestion: No toxicological data known.  
Other: No further data known.

**SECTION 12 ECOLOGICAL INFORMATION**

Ecotoxicological 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.  
Environmental Fate: The degree of biodegradability and persistence of this product has not been determined.  
VOC Information: This product emits VOC's (volatile organic compounds) in its use. Make sure that use of this product complies with local VOC emission regulations, where they exist.  
VOC Content: 15.6 grams/liter (1.7% by wt.) as produced.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Waste Disposal: Ensure that collection, transport, treatment, and disposal of waste product, containers and rinsate complies 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.

**SECTION 14 TRANSPORT INFORMATION**

**DOT**

Proper Shipping Name: Not hazardous under DOT transportation.  
Hazard Class/Packing Group: Not applicable  
UN/NA Number: Not applicable  
Hazard Labels: Not applicable

**IMDG**

Proper Shipping Name: Not applicable  
Hazard Class/Packing Group: Not applicable  
UN Number: Not applicable  
Label: Not applicable

**SECTION 15 REGULATORY INFORMATION**

Hazard Category for Section 311/312: This product contains mineral oil and is subject to regulation by Section 311 of the Clean Water Act and the oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

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

Section 313 Toxic Chemicals: This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CERCLA 103 Reportable Quantity: This product does not contain chemicals regulated under CERCLA. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

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

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.

**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:**

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, William H. Harvey Company cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.