

Material Safety Data Sheet

Garage Door Grease

Panef Inc.

Page 1 of 4

Revision Date: 01/01/09

Section 1: Chemical Product and Company Identification

Product Name: Garage Door Grease
Manufacturer: Panef Inc.
5700 West Douglas Ave.
Milwaukee, WI 53218
Total Pages: 4

Product Number: Panef GD-2 & GD-8
Emergency Telephone: 800-535-5053
Information Telephone: 414-464-7200

Section 2: Composition / Information on Ingredients

This product is a semi-solid that is insoluble in water. Direct eye contact may cause minor, short term irritation. Short term skin exposure is not expected to be irritating. Inhalation and ingestion are not anticipated routes of exposure during normal conditions of use.

HMIS Rating: Health: 1 Flammability: 1 Reactivity: 0 PPE: X

Components listed in this section may contribute to the potential hazards associated with exposure to the concentrate. The product may contain additional non-hazardous or trade-secret components.

<u>Hazardous Ingredients</u>	<u>CAS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>%</u>
Mineral Oil	Proprietary	5mg/m3 (mist)	5mg/m3 (mist)	10mg/m3 (mist)	<85
Titanium Dioxide	13463-67-7	10mg/m3 (total dust) 15mg/m3 (respirable dust)			<5
Zinc Oxide	1314-13-2	5mg/m3 (resp.fraction) 15mg/m3 (total dust)	5mg/m3 (fume) 10mg/m3 (total dust)	10 mg/m3 (fume)	<5

- Carcinogenic Components: This product contains no carcinogens.

Section 3: Hazards Identification

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

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

SKIN EXPOSURE: 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.

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 AGGRAVED BY EXPOSURE: No further data known.

CARCINOGENITY: This product is not listed as a known or suspected carcinogen by IARC, OSHA, or the NTP.

Section 4: First Aid Measures

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

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 treatment immediately. If symptoms of exposure persist, contact a physician.

INHALATION: If signs or symptoms of overexposure occur, remove the employee 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.

Material Safety Data Sheet

Garage Door Grease

Page 2 of 4

Revision Date: 01/01/09

Section 5: Fire Fighting Measures

FIRE AND EXPLOSIVE PROPERTIES:

Flashpoint.....320.0 F COC
Flammability Limits.....LEL -N/A
UEL -N/A

EXTINGUISHING MEDIA: 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.

UNUSUAL FIRE & EXPLOSION HAZARDS: No further data known.

FIRE FIGHTING PROCEDURES AND EQUIPMENTS: Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. See Section 8 of the MSDS for other PPE to be worn as conditions warrant.

Section 6: Accidental Release Measures

CLEAN UP MEASURES: Important: 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 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: Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use.

SPECIAL COMMENTS: No further data known.

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 founding 29 CFR 1910.134.

Section 9: Physical / Chemical Characteristics

Physical Appearance.....White
Odor.....Mild petroleum
Physical State.....Semi-solid
Water Solubility.....Insoluble
Specific Gravity......950

Material Safety Data Sheet

Garage Door Grease

Page 4 of 4

Revision Date: 01/01/09

Section 16: Other Information

Disclaimer: The information contained herein is based on data available. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.