Material Safety Data Sheet

01 August 2010

Identification

Product Name: Phil Waterproof Grease
Chemical Name: Petroleum Hydrocarbon

A hazard warning is not required for this product under OSHA hazard communications standard (29 CFR 1910.1200).

Ingredients:

Distillates, Hydrotreated Heavy Paraffinic (> 85%)
Thickener, Rust & Oxidation Inhibitors (< 15%)

Physical Data:

Description	Appearance & Odor	Solubility in Water
Green Grease	Green; Very Little Odor	Insoluble
Boiling Point	**Vapor Density (Air = 1) At Ambient Temp.**	**Vapor Pressure (mm Hg.)**
N/A	N/A	<1.0 @ 40° C
Melting Point	**Specific Gravity**	**Evaporation Rate (Butyl Acetate = 1)**
NDA	0.92 @ 20/20° C	N/A

Fire and Explosion Hazard Data

Flash Point:
NDA
Fire Fighting Media:
Dry chemical, water fog, CO_2, and foam.
Special Fire Fighting Procedures:
For fires involving this material, do not enter any enclosed fire space without proper protective equipment, including self-contained breathing apparatus.
Fire and Explosion Hazards:
Dense smoke.
Flammable Limits (% by volume in air):
Lower: N/A Upper: N/A

Reactivity

Stability:
Stable under normal temperatures and pressure.
Incompatibilities:
May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Decomposition:
Normal combustion produces carbon dioxide and water vapor, and may produce oxides of nitrogen; incomplete combustion can produce carbon monoxide.
Hazardous Polymerization:
Polymerization will not occur.

Health Hazard Data

Immediate Health Effects:

Eye contact: This substance is not expected to cause prolonged or significant eye irritation.
Skin irritation: This substance is not expected to cause prolonged or significant skin irritation. May cause skin discoloration.
Dermal toxicity: May cause slight irritation.
Inhalation: The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if inhaled.
Ingestion: The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if ingested.

The above hazard evaluations are based on data from similar materials.

Health Hazards:
No acute or long term health effects are expected.

Emergency & First Aid Procedures:

Eyes: As a precaution, flush eyes with fresh water for 15 minutes. Remove contact lenses if worn.
Skin: As a precaution, wash skin thoroughly with soap & water. Remove and wash contaminated clothing.
Ingestion: If swallowed, give water or milk to drink and obtain medical advice.

Carcinogenicity:
Process conditions, chemical analysis, and results of mutangenicity tests all support our opinion that this material should not cause skin cancer.

California Prop 65:
No California Proposition 65 chemicals are known to be present at or above the No Significant Risk level.

Precautions for Safe Handling and Use

In case of spills, clean up immediately using appropriate techniques such as absorbent materials.

Dispose of in accordance with all applicable federal, state and local regulations.

Control Measures

Respiratory Protection:
No special respiratory protection is normally required.
Ventilation:
No special ventilation is necessary.
Skin protection:
No special skin protection is usually necessary. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing protective clothing.
Eye Protection:
Use chemical safety glasses.
Work/Hygenic Practices:
Observe good industrial hygiene and safety precautions when handling this product.