

MATERIAL SAFETY DATA SHEET**1. Product and Company Identification**

Product number 740-005
Product name WHITE LITHIUM GREASE
Effective date 03-Jan-2012
Company information Crown Equipment Corporation
44 South Washington St.
New Bremen, OH 45869 USA
Company phone General Assistance 419-629-2311
Emergency telephone US 1-866-836-8855
Version # 14
Supersedes date 10-Nov-2011

2. Hazards Identification

Emergency overview Aerosol. EXTREMELY FLAMMABLE. Will be easily ignited by heat, spark or flames. CONTENTS UNDER PRESSURE. Irritating to skin. Irritating to eyes. Irritating to respiratory system. Prolonged exposure may cause chronic effects.

Potential health effects

Routes of exposure Inhalation. Skin contact. Ingestion.

Eyes Causes eye irritation.

Skin Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Irritating to skin.

Inhalation Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to respiratory system.

Ingestion Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion.

Target organs Central nervous system.

Chronic effects May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Signs and symptoms Narcosis. Defatting of the skin. Skin irritation.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Petroleum Distillate	64742-52-5	30 - 40
Aliphatic Petroleum Solvent	142-82-5	30 - 40
Propane	74-98-6	15 - 20
Paraffinic, Naphthenic Solvent	64742-47-8	8 - 10
Non-hazardous and other components below reportable levels		1 - 2.5

4. First Aid Measures**First aid procedures**

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops and persists.

Inhalation Move to fresh air. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.

9. Physical & Chemical Properties

Appearance	Compressed liquefied gas.
Boiling point	359.6 °F (182.2 °C) estimated
Color	White.
Density	0.722 g/cm3 estimated
Flammability (HOC)	26.798 kJ/g estimated
Flash back	Yes
Flash point	-156 °F (-104.4 °C) Propellant
Form	Aerosol.
Freezing point	Not available
Odor	Solvent.
pH	Not applicable
Physical state	Liquid.
Pressure	70 - 90 psig @ 70F
Solubility	negligible
Specific gravity	0.7221 estimated

10. Chemical Stability & Reactivity Information

Chemical stability	Risk of ignition.
Conditions to avoid	Heat, flames and sparks.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological Information

Acute effects	Acute LD50: 2886 mg/kg estimated, Rat, Dermal
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Component analysis - LD50**Toxicology Data - Selected LD50s and LC50s**

Aliphatic Petroleum Solvent	142-82-5	Inhalation LC50 Rat 103 g/m3 4 h; Oral LD50 Mouse 5000 mg/kg; Dermal LD50 Rabbit 3000 mg/kg
Paraffinic, Naphthenic Solvent	64742-47-8	Inhalation LC50 Rat >5.2 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Petroleum Distillate	64742-52-5	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Propane	74-98-6	Inhalation LC50 Rat 658 mg/L 4 h

Sensitization	Not expected to be hazardous by OSHA criteria.
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Teratogenicity	Not expected to be hazardous by OSHA criteria.
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12. Ecological Information

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.
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LC50 480 mg/L estimated, Fish, 96.00 Hours,
IC50 14681 mg/L estimated, Algae, 72.00 Hours,
EC50 2541 mg/L estimated, Daphnia, 48.00 Hours.

13. Disposal Considerations

Waste codes	D001: Waste Flammable material with a flash point <140 F
Disposal instructions	Contents under pressure. Dispose of this material and its container to hazardous or special waste collection point. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001.

Inventory status

Country(s) or region	Inventory name	On Inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations**U.S. - Pennsylvania - RTK (Right to Know) List**

Aliphatic Petroleum Solvent	142-82-5	Present
Paraffinic, Naphthenic Solvent	64742-47-8	Present
Petroleum Distillate	64742-52-5	Present
Propane	74-98-6	Present

16. Other Information**Further Information**

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1
Flammability: 3
Physical hazard: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

MSDS sections updated

Transport Information: Product Shipping Name/Packing Group

Prepared by

Regulatory Compliance