




Safety Data Sheet

Prepared according to GHS

1. Identification

Product Name Multipurpose EP 2 Lithium Grease
Product Code 7819
Recommended Use Lubricating Grease
Company Brad Penn Lubricants, LLC.
801 Edwards Drive
Lebanon, IN 46052
1-317-923-5321
www.bradpenn.com
Emergency Telephone Number(s) Chemtrec 1-800-424-9300 (24 HRS)

2. Hazards Identification

GHS Classification This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Signal Word **Warning!**
Hazard Statements Not applicable
Other Hazard Information Not applicable
GHS Pictogram Irritant 
Precautionary Statements Not applicable

3. Composition / Information on Ingredients

CAS No.	Component	Common Name	Percent
<i>This product does not contain ingredients that are hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)</i>			

4. First Aid Measures

Eyes Check for and remove any contact lenses. Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation develops.

Skin In case of contact, flush skin with plenty of soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. Get medical attention if irritation develops.

Ingestion First aid is normally not required. Get medical attention if discomfort develops.

Note to Physicians No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been ingested or inhaled.

5. Fire Fighting Measures

Suitable Extinguishing Media

Use dry chemical, CO₂, water spray (FOG) or foam

Unsuitable Extinguishing Media

Avoid solid water stream as it may scatter and spread fire.

Specific Hazards Arising from Chemical

Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.

Protective Equipment and Precautions for Firefighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Personal Precautions

Put on appropriate personal protective equipment.

Environmental Precautions

Prevent product from entering drains. Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment

Stop leak if without risk.

Methods for Cleanup

Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled container

7. Handling and Storage

Handling Procedures

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist.

Shipping and Storing Procedures

Keep container tightly closed in a dry place. Keep away from heat. Protect from light. Keep in properly labeled containers. Keep out of the reach of children.

Incompatibilities:

Oxidizing Agents

8. Exposure Controls / Personal Protection

Component Exposure Limits*

64742-65-0 Distillates (petroleum), solvent-dewaxed heavy paraffinic	
ACGIH TLV	Long Term value – 5 mg/m ³
OSHA PEL	Long Term value – 5 mg/m ³
8052-42-4 Asphaltic Resin	
PEL	Long Term value – 5 mg/m ³
REL	Short Term value – 10 mg/m ³
	Long Term value – 5 mg/m ³
	Long Term value – 5 mg/m ³
TLV	Short Term value – 10 mg/m ³
	Long Term value – 5 mg/m ³

8. Exposure Controls / Personal Protection

64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic

ACGIH TLV	Short Term value – 10 mg/m ³
	Long Term value – 5 mg/m ³
OSHA PEL	Long Term value – 5 mg/m ³

Engineering Controls Material should be handled in enclosed vessels and equipment only if aerosolized and/or misted. Use only in adequate ventilation if this occurs. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Eye/Face Protection Safety glasses

Skin Protection Normal work gloves are appropriate

Respiratory Protection No special requirements under ordinary conditions of use and with adequate ventilation.

General Hygiene Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

9. Physical and Chemical Properties

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Please see the Product Specification Sheet for further information.

Appearance	Dark Brown	Flammability	Not available
Physical State	Semi Solid	Upper/Lower Flammability Limits	Not available
Odor	Petroleum Like	Vapor Pressure (kPa at 20°C)	0
Odor Threshold	Not available	Vapor Density	Not available
pH	Not available	Relative Density (lbs/gal)	Not available
Melting/Freezing Point (°F)	Not available	Water Soluble	No
Initial Boiling Point (°F)	Not available	Partition Coefficient: n-octanol/water	Not available
Boiling Range (°F)	698	Auto-ignition Temperature (°F)	Not available
Flash Point (°F)	491	Decomposition Temperature (°F)	Not available
Evaporation Rate	Not available	Viscosity (40°C mm²/s)	Not available

10. Chemical Stability & Reactivity Information

Reactivity Polymerization will not occur

Chemical Stability Stable under normal conditions

Hazardous Reactions None, under normal processing.

Conditions to Avoid High temperatures

Incompatibility Strong acids and oxidizing materials

Hazardous Decomposition Smoke, carbon monoxide, carbon dioxide, aldehydes and other products

10. Chemical Stability & Reactivity Information

Products of incomplete combustion.

11. Toxicological Information

Acute Exposure

Respiratory Irritation Not expected to pose respiratory irritation. An inhalation hazard may only arise if product is aerosolized or if heated up. If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and upper respiratory tract. Based on data from similar materials.

Eye Irritation Not expected to cause irritation under normal use.

Skin Irritation Not expected to cause irritation under normal use.

Sensitization Not expected to cause skin or respiratory sensitization.

Aspiration Hazards Not expected to pose an aspiration hazard if swallowed.

Chronic Exposure

Target Organ Effects No data available to indicate product or components at greater than 1% are chronic health hazards.

Carcinogenicity No data available to indicate product or any components present at greater than .1% are carcinogenic.

Mutagenicity No data available to indicate product or any components present at greater than .1% are mutagenic or genotoxic.

Reproductive Toxicity No data available to indicate either product or components present at greater than .1% that may cause reproductive toxicity.

Teratogenicity No data available to indicate product or any components contained at greater than .1% may cause birth defects.

Component Analysis – LD50 / LC50

	Inhalation LC50 Rat	34014	m/kg
	Oral LD50 Rat	8261	mg/kg
	Dermal LD50 Rabbit	1560	mg/l

12. Ecological Information

Component Analysis- Ecotoxicity – Aquatic Life

No data available.

Persistence & Degradability Not determined

Bioaccumulation Potential Not determined

Soil Mobility Not determined

Other Adverse Effects Not determined

13. Disposal Considerations

Disposal Instructions

The generation of waste should be avoided or minimized wherever possible. Treatment, storage, transportation

13. Disposal Considerations

and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14. Transportation Information

Emergency Response Guide No.	171	<i>North American Emergency Response Guide Book</i>		
	UN Number	Shipping Name (technical name)	Hazard Class	Packing Group
U.S. DOT Bulk		Not Regulated		
U.S. DOT Non-Bulk		Not Regulated		
IATA		Not Regulated		
IMDG		Not Regulated		

15. Regulatory Information

SARA Extremely Hazardous Substances (Sections 302 & 304) This product does not contain greater than 1% of any “extremely hazardous substances” listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA Section 313 This product does not contain greater than 1.0% 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.

SARA Section 311 & 312 Classifications

Acute Hazard	No
Chronic Hazard	No
Fire Hazard	No
Reactivity Hazard	No

CERCLA This product does not contain any “hazardous substances” listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

California Prop 65 This product is not routinely tested to determine chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components.

Global Chemical Inventories

Inventory	
US TSCA	Listed
EU	Listed
Japan	Not available
Australia	Not available
New Zealand	Not available
Canada	Listed
Switzerland	Not available
Korea	Listed
Philippines	Not available

China	Listed
Taiwan	Not available

16. Other Information

US NFPA Ratings

Health	Fire	Reactivity
1	1	0

HMIS Ratings

Health	Fire	Physical Hazards
1	1	0

Revision Date

1 June 2015

Revision Reason

New SDS

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of SDS