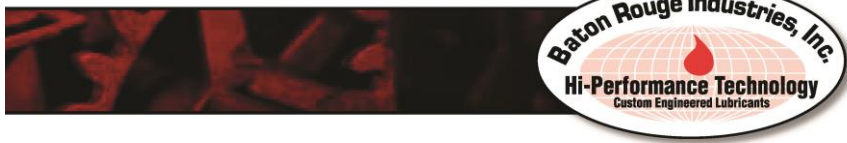


# SAFETY DATA SHEET



**Baton Rouge Industries, Inc.**  
5319 Groom Road • P.O. Box 26  
Baker, Louisiana 70714  
1-800-232-0334 • 225-775-3362  
FX 225-775-3498  
**BatonRougeIndustries.com**

**Date: 08/01/17**

## 1. IDENTIFICATION

Product Identifier: **L-623 True Open Gear Lubricant(Crater Compound)**

Other means of identification

Recommended use Not available

Recommended restrictions None Known

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name

Address

**Baton Rouge Industries**

**5319 Groom Road,**

**Baker La. 70714**

Telephone

E-Mail

24 hour Emergency

**1-800-232-0334**

**brisalesmanager@aol.com**

CHEMTREC-800-424-9300

## 2. HAZARD(s) IDENTIFICATION

Physical hazards

Combustible liquid

Category 3

Health hazards

Skin corrosion/irritation

Category 2

Germ cell mutagenicity

Category 1B

Carcinogenicity

Category 1B

Reproductive toxicity

Category 2

Specific target organ toxicity, single exposure

Category 3, narcotic effects

Aspiration hazard

Category 1

Environmental hazards

Hazardous to the aquatic environment,

Category 2

long-term hazard

OSHA defined hazards

Not classified

Label elements

Signal word

Danger

Hazard statement

Combustible liquid. May cause drowsiness or dizziness

Prevention

Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Keep away from heat/sparks/open flames/hot surfaces. NO SMOKING.

Use explosion-proof electrical/ventilating/lighting equipment. Use only non-

sparking tools. Take precautionary measures against static discharge. Wear

protective gloves/eye protection/face protection. Ground/bond container and

receiving equipment. Keep container tightly closed.

Response

In case of fire: Use appropriate media to extinguish. IF INHALED: Remove victim to

fresh air and keep at rest in a position comfortable for breathing. Call a poison

center/doctor if you feel unwell.

Storage

Store in a well-ventilated place. Keep container tightly closed.

Disposal

Dispose of contents/container in accordance with local authority requirements

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Hazard(s) not otherwise classified (HNOC)  
Supplemental Information

None known  
None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ASPHALT		8052-42-4	60-90
PETROLEUM SPIRITS		68551-17-7	10-40

### 4. FIRST-AID MEASURES

Inhalation

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin Contact

Immediately place the affected skin under running water for at least 15 minutes- DO NOT DELAY. Prolonged flushing/cooling is necessary. Ice (or "cold packs") may be used in the event that water is unavailable. Do not attempt to remove asphalt. Do not place any towels on top of the asphalt due to the risk of adhesion. Get medical attention if needed.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek medical attention.

Ingestion

Rinse mouth. DO NOT induce vomiting. Get medical attention immediately. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/  
effects, acute and delayed

Irritation of nose and throat. Irritation of mucous membranes. Skin irritation. Unconsciousness. Corneal damage. Narcosis. Cyanosis (blue tissue condition, nails lips, and or skin). Decrease in motor functions. Behavioral changes. Edema. Liver enlargement. Jaundice. Conjunctivitis. Proteinuria. Defatting of skin. Rash

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media  
Unsuitable extinguishing media

Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)  
Water. Do not use a solid stream as it may scatter and spread fire. Do not use water jet as extinguisher, as this will spread the fire

Specific hazards arising from  
the chemical  
Specific protective equipment  
and precautions for firefighters  
Fire-fighting  
equipment instructions

Vapor may cause flash fire. Vapors can flow along surface to distant ignition source and flash back. Sensitive to static discharge  
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.  
In case of fire and/or explosion do not breathe fumes. If tank, rail car or tank truck is involved in a fire, ISOLATE for 1/2 mile (800 meters) in all directions. ALWAYS stay away from tanks engulfed in flames. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Move containers from fire area if safe to do so. In the event of fire, cool tanks with water spray. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Some of these materials if spilled, may evaporate leaving a flammable residue.

Specific methods

Use water spray to cool unopened containers

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions,  
protective equipment and

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind

emergency procedures  
 Methods and materials for  
 containment and cleaning up

of spill/leak. Keep out of low areas. Ventilate closed spaces before entering them.  
 ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area)  
 Extinguish all flames in the vicinity. Keep combustibles (wood, paper, oil, etc.) away  
 from spilled material  
 Large spills: Stop the flow of material, if this is without risk. Dike the spilled material,  
 where this is possible. Cover with plastic sheet to prevent spreading. Use a non-  
 combustible material like vermiculite, sand or earth to soak up the product and place  
 into a container for later disposal.  
 Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface  
 thoroughly to remove residual contamination.  
 Never return spills in original containers for re-use.  
 Prevent further leakage or spillage if safe to do so. Do not contaminate water. No  
 special environmental precautions required. Contact local authorities in case spillage  
 is to drain/aquatic environment. Avoid discharge into drains, water or onto ground.

Environmental precautions

7. HANDLING AND STORAGE  
 Precautions for safe handling

May be ignited by open flame. Keep away from sources of ignition-No smoking. DO NOT  
 handle, store or open near an open flame, sources of heat or sources of ignition.  
 Protect material from direct sunlight. All equipment used when handling the product  
 must be grounded. Do not breathe fumes/gas/mist/spray/vapors. Do not get this  
 material in contact with eyes. Do not get this material in contact with skin. Do not get  
 this material on clothing. Wear personal protective equipment. Do not use in areas  
 without adequate ventilation.

Conditions for safe storage,  
 including any incompatibilities

CAUTION The pressure in sealed containers can increase under the influence of heat.  
 Do not handle or store near and open flame, heat or other sources of ignition. Keep  
 away from heat and sources of ignition. This material can accumulate static charge  
 which may cause spark and become ignition source. Prevent electrostatic charge  
 build-up by using common bonding and grounding techniques. Store in a cool place.  
 Store in a well-ventilated place. Keep container tightly closed. Store in a closed  
 container away from incompatible materials. Keep away from food, drink and animal  
 feed. Keep out of reach of children. Use care in handling/storage.

8. EXPOSURE CONTROLS/  
 PERSONAL PROTECTION  
 Occupational exposure limits

US ACGIH Threshold Limit Values  
 ComponentsType

		Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fraction
PETROLEUM SPIRITS (CAS 68551-17-7)	TWA	0.5 mg/m3	Non-aerosol

US NIOSH: Pocket Guide to Chemical Hazards  
 ComponentsType

		Value	Form
ASPHALT (CAS 8052-42-4)	Ceiling	0.5 mg/m3	Fume
PETROLEUM SPIRITS (CAS 68551-17-7)	TWA	100 mg/m3	

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines

US ACGIH Threshold Limit Values: Skin designation

PETROLEUM SPIRITS (CAS 68551-17-7)

Can be absorbed through the skin.

Appropriate engineering  
 controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the  
 defined occupational exposure limit is not exceeded.

## Individual protection measures, such as personal protective equipment

- Eye/face protection** Safety glasses. If risk of splashing, wear safety goggles or face shield.
- Hand protection** Use gloves with long sleeves. When handling hot material, use heat resistant gloves.
- Skin protection**
  - Other** Thermally protective apron and long sleeves are recommended when volume of hot

material is significant.

### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

### Thermal hazards

During product use, there is a risk of thermal burns. Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** Dark brown to black in color
- Physical state** Liquid
- Form** Liquid
- Color** Brown - Black
- Odor** Strong petroleum
- Odor threshold** Not available
- pH** Not available
- Melting point/freezing point** >134.96°F (>57.2°C)
- Initial boiling point and boiling range** 320 - 550°F (160 - 287.78°C)
- Flash point** <55.4°F (<13.0°C) Closed cup
- Evaporation rate** Not available
- Flammability (solid, gas)** Not available
- Upper/lower flammability or explosive limits**
  - Flammability limit-lower(%)** >0.9
  - Flammability limit-upper(%)** <7
  - Explosive limit-lower(%)** Not available
  - Explosive limit-upper(%)** Not available
- Vapor pressure** Not available
- Vapor density** >1.6 (Air=1)
- Relative density** 0.93-0.97 (Water =1)
- Solubility (ies)**
  - Solubility (water)** Not available
- Partition coefficient (n-octanol/water)** Not available
- Auto-ignition temperature** 490°F (254.44°C)
- Decomposition temperature** Not available
- Viscosity** Not available
- Other information**
  - Density** Varies
  - Flammability class** Combustible III
  - Percent volatile** <5%

## 10. STABILITY AND REACTIVITY

### Reactivity

Not available

Chemical stability  
 Possibility of hazardous reactions  
 Conditions to avoid  
 Incompatible materials  
 Hazardous decomposition products

Risk of ignition. Material is stable under normal conditions  
 Hazardous polymerization does not occur  
 Heat, flames and sparks. Avoid temperatures exceeding the flash point  
 Strong oxidizing agents  
 Upon decomposition, this product emits oxides of sulfur, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration. However, ingestion is not likely the primary route of occupational exposure.

Inhalation Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea

Skin contact Molten material will produce thermal burns

Eye contact Molten material will produce thermal burns. Harmful in contact with eyes

Symptoms related to the physical, chemical and toxicological characteristics Not available

Information on toxicological effects

Acute toxicity  
 Components

	Species	Test Results
PETROLEUM SPIRITS (CAS 68551-17-7)		
Acute		
Dermal		
LD50	Rabbit	>2 g/kg
Oral		
LD50	Rat	490 mg/kg

Skin corrosion/irritation Causes skin irritation

Serious eye damage/irritation None known

Respiratory sensitization Not available

Skin sensitization None known

Germ cell mutagenicity  
 No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic

Carcinogenicity  
 May cause cancer. Occupational exposure to straight run asphalts and their emissions during road paving: 2B Possibly carcinogenic to humans

IARC Monographs, Overall Evaluation of Carcinogenicity

ASPHALT (CAS 8052-42-4) 2B Possibly carcinogenic to humans  
 PETROLEUM SPIRITS (CAS 68551-17-7) 2B Possibly carcinogenic to humans

US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Reproductive toxicity Not classified

Specific target organ toxicity -single exposure May cause drowsiness or dizziness

Specific target organ toxicity -repeated exposure Not available

Aspiration hazard  
 Chronic effects  
 May be fatal if swallowed and enters airways

Contains polycyclic aromatic compounds which have been shown to cause anemia, disorders of the liver, bone marrow and lymphoid tissues in rats following dermal application

Further information Symptoms may be delayed. This product has no known adverse effect on human health

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12. ECOLOGICAL INFORMATION

Ecotoxicity

Not expected to be harmful to aquatic organisms

Components

Species Test Results

PETROLEUM SPIRITS (CAS 68551-17-7)

Aquatic

EC50

Crustacia  
(Daphnia magna)

1.09-3.4 mg/l, 48 hours

LC50

Fish-Pink Salmon  
(Onocorhynchus gorbuscha)

0.95-1.62 mg/l, 96 hours

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13. DISPOSAL CONSIDERATIONS

Disposal instructions

Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and waste disposal company

Waste from residues/  
unused products

Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground

Contaminated packaging

Residual vapors may explode on ignition; do not cut, drill, grind or weld near this container

14. TRANSPORT INFORMATION

DOT

UN number

UN1993

UN proper shipping name

Transport hazard class(es)

Combustible liquid, n.o.s.

Class

Subsidiary risk

3

Packing group

Environmental hazards

-

Marine pollutant

III

Special precautions

Special provisions

Yes

Packaging exceptions

Packaging non bulk

Read safety instructions, SDS and emergency procedures before handling

Packaging bulk

149, B13, IB2, T3, TP3, TP29

IATA

UN number

173, 150

UN proper shipping name

173, 202

Transport hazard class(es)

176, 242

Class

Subsidiary risk

UN1993

Packing group

Environmental hazards

Combustible liquid, n.o.s.

ERG Code

3

-

III

Yes

3L

Special precautions for user	Read safety instructions, SDS and emergency procedures before handling
Other information	
Passenger and cargo aircraft	Allowed
Cargo aircraft only	
IMDG	Allowed
UN number	
UN proper shipping name	
Transport hazard class(es)	UN1993
Class	Combustible liquid, n.o.s.
Subsidiary risk	
Packing group	3
Environmental hazards	
Marine pollutant	-
EmS	III
Special precautions for user	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Yes
	F-E, S-E
	Not available
	Not available

DOT



IATA; IMDG



15. REGULATORY INFORMATION  
US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

All components are on the U.S. EPA TSCA Inventory List

CERCLA/SARA Hazardous Substances - Not applicable

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt.D)

Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

ASPHALT (CAS 8052-42-4) Listed

PETROLEUM SPIRITS (CAS 68551-17-7) Listed

US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard-Yes

Delayed Hazard-Yes

Fire Hazard-Yes

Pressure Hazard-No

Reactivity Hazard-No

SARA 302 Extremely hazardous substance

Not listed

SARA 311/312 No

Harardous chemical

SARA 313(TRI reporting) Not regulated

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

PETROLEUM SPIRITS (CAS 68551-17-7)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

PETROLEUM SPIRITS (CAS 68551-17-7)

Safe Drinking Water Act (SDWA) Not regulated

US state regulations

WARNING: This product contains a chemical known to the State of California to cause cancer.

US. Massachusetts RTK - Substance List

ASPHALT (CAS 8052-42-4)

PETROLEUM SPIRITS (CAS 68551-17-7)

US. New Jersey Worker and Community Right-to-Know Act

PETROLEUM SPIRITS (CAS 68551-17-7) 10000 LBS

US. Pennsylvania RTK - Hazardous Substances

ASPHALT (CAS 8052-42-4)

PETROLEUM SPIRITS (CAS 68551-17-7)

US. Rhode Island RTK

PETROLEUM SPIRITS (CAS 68551-17-7)

US. California Proposition 65

US. California Proposition 65 - CRT: Listed date/carcinogenic substance

ASPHALT (CAS 8052-42-4) Listed: January 1, 1990

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
	European List of Notified Chemical Substances (ELINCS)	
	Inventory of Existing and New Chemical Substances (ENCS)	
Europe	Existing Chemicals List (ECL)	No
Japan		No
Korea		Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
United States & Puerto Rico	Toxic Substance 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)

A "No" indicates that one or more of the products are not listed or exempt from listing on the inventory administered by the governing country(s)



16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF LAST REVISION

Issue date 5/20/2015

Version #001

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

Disclaimer The information on this sheet was written based on the best knowledge and

experience currently available