

Super Friction Modifier (B-LSD04)

SDS Number: 17757

Revision Date: 2/28/2017

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Berkebile Oil Company
Somerset Industrial Park - PO Box 715
Somerset, PA 15501

Phone: 1-814-442-1656



Product Name: Super Friction Modifier (B-LSD04)
Revision Date: 6/24/2016
SDS Number: 17757
CAS Number: Blend
Product Code: 17757

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315 - Causes skin irritation
H320 - Causes eye irritation

GHS Precautionary Statements:

P302+352 - IF ON SKIN: Wash with soap and water.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+313 - IF exposed or concerned: Get medical advice/attention.

3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
0	<10%	Long-chain alkenyl amine
0	<5%	Alkyl phosphate
0	<3%	Long-chain alkyl phosphonate

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4 FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air.
If symptoms persist, obtain medical attention.
- Skin Contact:** Wash with soap and water.
Remove contaminated clothing and wash before reuse.
Get medical attention if needed.
- Eye Contact:** Flush with water for several minutes.
If effects occur, consult a physician.
- Ingestion:** Rinse mouth with water.
If symptoms develop, obtain medical attention.

5 FIRE FIGHTING MEASURES

- Flash Point:** 125 C (257 F)
- Flash Point Method:** PMCC
- Use dry powder, foam, or carbon dioxide fire extinguishers.
Water may be ineffective in fighting an oil fire unless used by experienced fire fighters.

6 ACCIDENTAL RELEASE MEASURES

- Contain spilled material.
Collect in suitable and properly labeled containers.
Pick up excess with inert absorbant material
Keep away from drains and ground water.

7 HANDLING AND STORAGE

- Handling Precautions:** Avoid contact with eyes, skin, or clothing.
Keep away from sources of ignition.
Handle with care and avoid spillage on the floor (slippage).
Do not cut, weld, drill, grind, braze, or solder container.
- Storage Requirements:** Keep away from sources of ignition.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
- Personal Protective Equipment:** Use of safety glasses and gloves are recommended.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Yellow
- Physical State:** Liquid
- Solubility:** Nil in water
- Spec Grav./Density:** 0.91 at 60 F (Water = 1)
- Viscosity:** 30 cSt at 40 C

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10 STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions.
Conditions to Avoid: High temperatures, sparks, and open flame.

11 TOXICOLOGICAL INFORMATION

Repeated skin contact with this product may cause dermatitis or an oil acne.
 No test data available on product.
 No component is listed as a carcinogen, mutagen, or teratogen.
 LD50 / LC50 - No data available

12 ECOLOGICAL INFORMATION

Avoid exposing to the environment, no specific aquatic data available

13 DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with all local, state/provincial, and national requirements.
 Do not flush to surface water or drains.

14 TRANSPORT INFORMATION

DOT: Not regulated as a dangerous goods
 IATA: Not regulated as a dangerous goods
 IMDG: Not regulated as a dangerous goods

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

 Long-chain alkenyl amine (0) [<10%] GADSL, REACH

Alkyl phosphate (0) [<5%] GADSL, REACH

Long-chain alkyl phosphonate (0) [<3%] GADSL, REACH

Regulatory CODE Descriptions

 GADSL = Global Automotive Declarable Substance List (GADSL)
 REACH = REACH List of Substances of Very High Concern (RSL)

16 OTHER INFORMATION

The information contained in this Safety Data Sheet relates only to the specific material designated. Berkebile Oil Company assumes no legal responsibility for use or reliance upon this data. This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Berkebile Oil Company