# SAFETY DATA SHEET

# 1. PRODUCT AND COMPANY IDENTIFICATION

# Product Name: **BERKEBILE OIL 2+2 PROTECTION FIRST CLASS (BPFC-A4. BPFC-P4, BPFC-E4)** MANUFACTURED FOR: **The Berkebile Oil Company INC.**

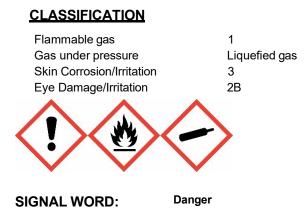
1216 Red Brant Road Somerset, PA 15501 USA

Mailing Address: PO BOX 715 Somerset, PA 15501

EMERGENCY NUMBER: (800) 424-9300 (CHEM TREC) INFO NUMBER: (814) 443-1656



# 2. HAZARDS IDENTIFICATION



# Hazard Statements

Extremely flammable gas Contains gas under pressure; may explode if heated Causes mild skin irritation Causes eye irritation

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces – No smoking Do not spray on an open flame or other ignition source Wash hands thoroughly after handling IF ON SKIN: Wash with soap and water IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If skin irritation occurs: Get medical advice/attention If eye irritation persists: Get medical advice/attention

3. COMPOSITION/INFORMATION ON INGREDIENTS		
Chemical Name	CAS No.	Percent
WHITE MINERAL OIL	8042-47-5	35-55%

PROPANE	74-98-6	5-20%
BUTANE	106-97-8	5-20%
PROPYLENE CARBONATE	108-32-7	1-15%

#### 4. FIRST AID MEASURES

**INHALATION:** Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

EYE CONTACT: Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

SKIN CONTACT: Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

**INGESTION:** Not a likely route of exposure.

**Most important symptoms/effects, acute and delayed:** Repeated exposure may cause skin dryness or cracking. May cause drowsiness or dizziness.

Indication of immediate medical attention and special treatment needed: None known.

#### 5. FIRE FIGHTING MEASURES

**Suitable and unsuitable extinguishing media:** Foam, Alcohol foam, CO2, Dry chemical, Water fog. Water spray may be ineffective.

**Specific hazards arising from the chemical:** Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention. Hazardous decomposition products include carbon dioxide, carbon monoxide, and other toxic fumes.

**Special equipment and precautions for fire-fighters:** Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. Wear goggles and use self-contained breathing apparatus. If water is used, fog nozzles are preferred.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Avoid breathing vapors. Ventilate area. Remove all sources of ignition.

Methods and materials for containment and cleaning up: Clean up with absorbent material and place in closed containers for disposal.

#### 7. HANDLING AND STORAGE

**Precautions for safe handling:** Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. See product label for

**Conditions for safe storage, including any incompatibilities:** Store and use in cool, dry, well-ventilated areas. Do not store above 120 F.

8. EXPOSURE CONTROL/PERSONAL F	ROTECTION		
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits

WHITE MINERAL OIL 8042-47-5	PEL-TWA: Mist 5 mg/m3	TLV-TWA: Mist 5 mg/m3	
PROPANE 74-98-6	Not established	TWA: 1000 ppm	
BUTANE 106-97-8	Not established	TWA: 1000 ppm	
PROPYLENE CARBONATE 108-32-7	Not established	Not established	

**Appropriate engineering controls:** Ventilation should be sufficient to prevent inhalation of any vapors. General dilution and/or local exhaust ventilation in volume to keep PEL/TLV of most hazardous ingredient below acceptable limit and level below stated limit.

#### Individual protection measures:

**Respiratory protection:** None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination or particles and vapor. In confined areas, use an approved air line respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Protective gloves: None under normal use. Use solvent-resistant for prolonged or repeated contact.

**Eye protection:** None under normal use. However, use of safety glasses with splash guards or full face shield should be used if indicated.

**Other protective clothing or equipment:** None under normal use. However, use of solvent-resitant aprons or other clothing is recommended. Eye washes and safety showers in the workplace are recommended.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Odor: Solvent	Appearance: Aerosol product
Odor threshold: Not determined	Vapor Pressure: Not determined
pH: Not applicable	Vapor Density: Heavier than air
Melting point: Not determined	Density: 0.886699867
Solubility: Not determined	Freezing point: Not determined
Flash point: Not determined	Boiling point: N/A
Flammability: Level 3 Aerosol	Evaporation rate: Slower than ether
Partition coefficient (n- Not determined octanol/water):	Explosive Limits: Not applicable
Decomposition temperature: Not determined	Autoignition temperature: Not determined
	Viscosity: Not determined

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable under normal storage and handling conditions.

Possibility of hazardous reactions: None known.

Incompatible materials:

No data

Hazardous decomposition products:

No data

#### 11. TOXICOLOGICAL INFORMATION

Long-term toxicological studies have not been conducted for this product.

# 12. ECOLOGICAL INFORMATION

Long-term ecological studies have not been conducted for this product.

#### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of this document for hazard cautionary information.

# 14. TRANSPORT INFORMATION

By land: DOT Proper Shipping Name: None required per 49 CFR 173.306(i) for products that conform to the Limited Quantity provisions. Commodity shipping description: Lubricant, NOI

By water: DOT & IMDG Proper Shipping Name: UN1950, Aerosols, 2.1, LTD QTY

By air: DOT & IATA Proper Shipping Name: UN1950, Aerosols, flammable, 2.1, LTD QTY (packing instruction Y203 applies)

## 15. REGULATORY INFORMATION

All ingredients are either listed on the TSCA inventory or are exempt.

# **16. OTHER INFORMATION**

Date Prepared: 4/20/2015

**Revision** 0

Date revised: 2015-04-20

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