

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **BERKEBILE 2+2 NON-CHLOR CLEAN BRAKE (B-3205)**

MANUFACTURER'S NAME: The Berkebile Oil Company, Inc.  
ADDRESS (Mailing) : PO BOX 715  
Somerset, PA 1550

ADDRESS (Physical) : 1216 Red Brant RD  
Somerset, PA 15501

EMERGENCY PHONE : **800-424-9300 (CHEM TREC)**

INFORMATION PHONE : **814-443-1656**



Product Use:

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Flammable liquid	2
Skin Corrosion/Irritation	3
Eye Damage/Irritation	2A
Sensitization - Respiratory	1A
Carcinogenicity	1A Reproductive
toxin	1A



**SIGNAL WORD:** Danger

### Hazard Statements

Highly flammable liquid and vapor  
Causes mild skin irritation  
Causes serious eye irritation  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause cancer  
May damage fertility or the unborn child

### Precautionary Statements

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Keep away from heat/sparks/open flames/hot surfaces – No smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wash hands thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Use personal protective equipment as required

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
IF exposed or concerned: Get medical advice/attention  
If skin irritation occurs: Get medical advice/attention  
If eye irritation persists: Get medical advice/attention  
Store locked up  
Store in a well ventilated place. Keep cool  
Dispose of contents/container to comply with all local, state, and federal regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Percent
ACETONE	67-64-1	55.00
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	64742-49-0	32.00
TOLUENE	108-88-3	10.00
METHANOL	67-56-1	3.00

### 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:** If swallowed, do not induce vomiting. Get immediate medical attention.

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

**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:** Keep closure tight and container upright to prevent leakage. Open container slowly. Do not get in eyes. Avoid skin contact and contact with clothing. Do not take internally.

**Conditions for safe storage, including any incompatibilities:** Store and use in cool, dry, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat or open flame.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
ACETONE 67-64-1	PEL-TWA: 750 ppm	TLV-TWA 500 ppm TLV-STEL 750 ppm	
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT 64742-49-0	TWA: 500 ppm; PEL-CEILING: not determined	TLV-TWA: 400 ppm TLV-STEL: 500 ppm	
TOLUENE 108-88-3	TWA: 200 ppm, 8 HOUR CEIL: 300 ppm PEAK: 500 ppm, 10 minute	TWA: 20 ppm 8 hour	
METHANOL 67-56-1	PEL: 200 ppm	TWA: 200 ppm; STEL: 250 ppm	NIOSH: REL: 200 ppm; STEL: 250 ppm;

**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 IEL 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 of 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-resistant aprons or other clothing is recommended. Eye washes and safety showers in the workplace are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<p><b>Melting point:</b> Not determined</p> <p><b>Solubility:</b> Not determined</p> <p><b>Flash point:</b> 32 F, 0 C</p> <p><b>Flammability:</b> Extremely flammable</p> <p><b>Partition coefficient (n-octanol/water):</b> Not determined</p> <p><b>Decomposition temperature:</b> Not determined</p> <p><b>Appearance:</b> Colorless liquid</p> <p><b>Vapor Pressure:</b> Not determined</p>	<p><b>Freezing point:</b> Not determined</p> <p><b>Boiling point:</b> 56°C</p> <p><b>Evaporation rate:</b> Slower than ether</p> <p><b>Explosive Limits:</b> Not applicable</p> <p><b>Autoignition temperature:</b> Not determined</p> <p><b>Viscosity:</b> Not determined</p> <p><b>Odor:</b> Solvent</p> <p><b>Odor threshold:</b> Not determined</p>
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**Vapor Density:** Heavier than air

**pH:** Not applicable

**Density:** 0.763343962

#### 10. STABILITY AND REACTIVITY

**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:** Strong oxidizing agents.  
Acids, Bases, Strong oxidizing agents

**Hazardous decomposition products:**

Carbon dioxide, carbon monoxide, smoke, fumes, and other products of incomplete combustion.

#### 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: UN1993, FLAMMABLE LIQUID, n.o.s., (Acetone, Heptane), 3, II

By Water: DOT Proper Shipping Name: UN1993, FLAMMABLE LIQUID, n.o.s., (Acetone, Heptane), 3, II

By Air: DOT Proper Shipping Name: UN1993, FLAMMABLE LIQUID, n.o.s., (Acetone, Heptane), 3, II

#### 15. REGULATORY INFORMATION

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

#### 16. OTHER INFORMATION

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