

# SAFETY DATA SHEET

This document is not intended for general distribution.

It can be used as the basis for a general distribution document if appropriate changes are made to the identification section.

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: BERKEBILE CLEAN BRAKE B-3505 B-35055

Product Code: 2902041

### Supplier Details

Manufacturer Name	The Berkebile Oil Company
Address	1216 Red Brant Road Somerset, PA 15501, PO BOX 715
Phone	814-443-1656
Email	info@berkebileoil.com
Fax	814-443-2873
Chemtrec Emergency Tel #	800-424-9300

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Gas under pressure

Dissolved gas

Acute Toxicity - Oral

4

Acute Toxicity - Dermal

4

Acute Toxicity - Inhalation

4

Eye Damage/Irritation

2B

Carcinogenicity

2

### Warning

### SIGNAL WORD:

### Hazard Statements

Contains gas under pressure; may explode if heated

Harmful if swallowed

Harmful in contact with skin

Causes eye irritation

Harmful if inhaled

Suspected of causing cancer

### Precautionary Statements

Pressurized container – Do not pierce or burn, even after use

Avoid breathing dust/fume/gas/mist/vapours/spray

Wash hands thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

Wear protective gloves/protective clothing/eye protection/face protection

Use personal protective equipment as required

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

IF ON SKIN: Wash with soap and water

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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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 eye irritation persists: Get medical advice/attention

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Dispose of contents/container to comply with all local, state, and federal regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Name**  
**CAS No.**  
**Percent**

127-18-4

97.50

PERCHLOROETHYLENE

124-38-9

2.50

CARBON DIOXIDE

### 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, CO<sub>2</sub>, 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 not 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.

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## 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 additional information.

**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 PROTECTION

### Other Exposure Limits

### ACGIH Exposure Limits OSHA Exposure Limits Chemical Name / CAS No.

Short term value: C 200; 300 ppm

Long term value: 100 ppm

Short term value: 685 mg/m<sup>3</sup>, 100 ppm

Long term value: 170 mg/m<sup>3</sup>; 25 ppm

PERCHLOROETHYLENE

127-18-4

5000 ppm TWA, 8 hours

5000 ppm TWA; , 8 hours; 30000 ppm STEL, 15 minutes

5000 ppm NIOSH TWA, 10 hours; 30000 ppm NIOSH STEL, 15 minutes

CARBON DIOXIDE

124-38-9

**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

Aerosol product	<b>Appearance:</b>
Chlorinated solvent	<b>Odor:</b>
Not determined	<b>Vapor Pressure:</b>
Not determined	<b>Odor threshold:</b>
Heavier than air	<b>Vapor Density:</b>
Not applicable	<b>pH:</b>
1.582851022	<b>Density:</b>
Not determined	<b>Melting point:</b>
Not determined	<b>Freezing point:</b>
Not determined	<b>Solubility:</b>
121°C	<b>Boiling point:</b>
None	<b>Flash point:</b>
Slower than ether	<b>Evaporation rate:</b>
Level 1 Aerosol	<b>Flammability:</b>
Not applicable	<b>Explosive Limits:</b>
Not determined	<b>Partition coefficient (n-octanol/water):</b>

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Not determined      **Autoignition temperature:**  
 Not determined      **Decomposition temperature:**  
 Not determined      **Viscosity:**  
**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:**  
 Acids, Bases, Strong oxidizing agents, Oxygen, Peroxides, Reactive metals, Aluminum  
**Hazardous decomposition products:**  
 Hydrogen chloride, chlorine, phosgene, oxides of carbon

**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: Cleaning Compound, NOI

By water: DOT & IMDG Proper Shipping Name: UN1950, Aerosols, 2.2, LTD QTY

By air: DOT & IATA Proper Shipping Name: UN1950, Aerosols, non-flammable, 2.2, LTD QTY (packing instruction Y203 applies)

**15. REGULATORY INFORMATION**  
 All ingredients are either listed on the TSCA inventory or are exempt.

**16. OTHER INFORMATION**

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