

# SAFETY DATA SHEET

## Section 1: Identification

**Name:** Deep Clean HD, Carpet & Upholstery Cleaner

**Part Number:** B-DCLEAN32, B-DCLEAN1, B-DCLEAN5, B-DCLEAN55

**Recommended Use:** Automotive Upholstery & Carpet Cleaner

**Company:**

**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

## Section 2: Hazard(s) Identification

**Hazard Classification:**

Acute Toxicity, Oral: 4

Skin Irritation: 2

Eye Irritation: 1

Aspiration: 4

**OSHA Defined:** None

**Signal Word(s):** DANGER

**Hazard Statements:** Harmful if swallowed. Causes skin irritation. Harmful If Inhaled Causes eye damage.

**Pictograms:**



**Precautionary Statements:** Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing mist, fumes, or vapors. Avoid release to the environment. Wear protective gloves. Wear eye / face protection.

**RESPONSE:**

If SWALLOWED: Rinse Mouth. Call a poison center/doctor if you feel unwell. DO NOT INDUCE VOMITING

If ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash before use.

If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a poison center/doctor.

**Description of other hazards:** N/A

## Section 3: Composition/ Information on Ingredients

Chemical Name	CAS#	Conc.
Sodium Lauryl Sulfate	68585-47-7	15%
2-Butoxy ethanol	111-76-2	15%
Sodium meta-Silicate, Pentahydrate	10213-79-3	5%
Sodium N-lauroylsarcosinate	137-16-6	2%
Trade Secret	-	3%
Tetrasodium ethylenediaminetetraacetate	64-02-8	1.25%
Sodium Hydroxide	1310-73-2	<1%

#### Section 4: First-Aid Measures

**After skin contact:** Wash with plenty of water. Take off contaminated clothing and wash before use.  
**After eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Immediately call a poison center/doctor.  
**After inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.  
**After swallowing:** Rinse Mouth. DO NOT induce vomiting. Call a poison center/doctor if you feel unwell.

#### Section 5: Fire-Fighting Measures

**Suitable extinguishing agents:** Water fog. Foam. Dry Chemical Powder. CO2  
**Unsuitable extinguishing agents:** DO NOT USE water jet as extinguisher  
**Special protective equipment for firefighters:** Self contained breathing apparatus & Full protective clothing

#### Section 6: Accidental Release Measures

**Personal precautions:** Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protective equipment. Avoid contact with skin, eyes and clothing.  
**Measures for environmental protection:** Prevent entry to sewers and public waters  
**Measures for cleaning/collecting:** *For Containment:* Absorb and/or contain spill with inert material, then place in suitable container. *Methods for Cleaning Up:* Clean up spills immediately and dispose of waste safely.

#### Section 7: Handling and Storage

**Handling:** Avoid formation of aerosol. Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.  
**Storage:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use

### Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Sodium Lauryl Sulfate	None	None	None	None
2-Butoxy ethanol	50 ppm, 24 mg/m <sup>3</sup> : Skin		20ppm 97 mg/m <sup>3</sup> : Skin	
Sodium meta-Silicate, Pentahydrate	None	None	None	None

**General protective and hygienic measures:** Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

**Breathing equipment:** USE IN WELL VENTILATED AREA. If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Protection of hands:** Wear chemically resistant protective gloves

**Eye protection:** Chemical goggles or safety glasses.

### Section 9: Physical and Chemical Properties

**Form:** LIQUID

**Odor:** n/a

**Odor threshold:** n/a

**pH:** No Data Available

**Melting point/melting range:** No Data Available

**Boiling point/boiling range:** > 100 °C @ 760 mmHg (212 °F)

**Flash point:** > 200 °F (93.33 °C)

**Evaporation rate:** No Data Available

**Flammability:** No Data Available

**Upper/lower flammability or explosive limits:** No Data Available

**Auto ignition temperature:** No Data Available

**Danger of explosion:** No Data Available

**Vapor pressure:** No Data Available

**Vapor density:** No Data Available

**Relative density:** No Data Available

**Solubility in/Miscibility with water:** No Data Available

### Section 10: Stability and Reactivity

**Reactivity:** Do not distill to dryness. Product can oxidize at elevated temperatures

**Chemical stability:** Product is stable

**Conditions to avoid:** Direct sunlight. Extremely high or low temperatures

**Incompatible materials:** Strong acids. Strong bases. Strong oxidizers

**Hazardous decomposition products:** Carbon oxides (CO, CO<sub>2</sub>).

### Section 11: Toxicological Information

**Acute toxicity:** Not Classified

Sodium Lauryl Sulfate 28% ( \f )68585-47-7; 7732-18-5	
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts (68585-47-7)	
LD50 Oral Rat	> 2000 mg/kg
ATE (Oral)	500.000 mg/kg body weight

**Potential routes of exposure/potential health effects**

**Skin:** Not Classified

**Eye:** Not Classified

**Inhalation:** Not Classified

**Ingestion:** Not Classified

**Carcinogenic effects:** Not Classified

**Mutagenic effects:** Not Classified

**Reproductive toxicity:** Not Classified

**Target organs:** Not Classified

2-Butoxy ethanol (111-76-2)	
LD50 Oral Rat	1,300 mg/kg
LD50 Inhalation Guinea Pig	>3.1 mg/m <sup>3</sup> , 1 h No Deaths

**Potential routes of exposure/potential health effects**

**Skin:** Causes Irritation

**Eye:** Causes Serious Irritation

**Inhalation:** Not Classified

**Ingestion:** Not Classified

**Carcinogenic effects:** Not Classified

**Mutagenic effects:** Not Classified

**Reproductive toxicity:** Not Classified

**Target organs:** Not Classified

Sodium meta-Silicate, Pentahydrate (10213-79-3)	
LD50 Oral Rat	847 mg/kg
LD50 Inhalation Guinea Pig	>3.1 mg/m <sup>3</sup> , 1 h No Deaths

**Potential routes of exposure/potential health effects**

**Skin:** Causes Serious Irritation

**Eye:** Severe eye irritation. Causes conjunctivitis. Redness and pain. Causes lacrimation. Causes eye burns. May cause corneal opacity. May cause corneal damage. Corrosive to the eyes and may cause severe damage including blindness.

**Inhalation:** Irritating to respiratory system. May cause chemical burns to the respiratory tract

**Ingestion:** Harmful if swallowed. Corrosive to the mouth, throat, and stomach. Causes severe digestive tract irritation with possible burns. May cause severe and permanent damage to the digestive tract. May cause perforation of the digestive tract. May cause oral ulceration. May cause difficulty swallowing. Ingestion may cause nausea, vomiting. May cause abdominal pain. May cause ulceration or perforation of the gastrointestinal tract. May cause ulceration or bleeding from the stomach. May cause ulceration or bleeding from the deodenum.

**Carcinogenic effects:** Not Classified  
**Mutagenic effects:** Not Classified  
**Reproductive toxicity:** Not Classified  
**Target organs:** Not Classified

Tetrasodium ethylenediaminetetraacetate (64-02-8)	
LD50 Oral Rat	> 2000 mg/kg
LD50 DERMAL Rat	Not Determined

**Potential routes of exposure/potential health effects**

**Skin:** Not Classified  
**Eye:** Not Classified  
**Inhalation:** Not Classified  
**Ingestion:** Not Classified  
**Carcinogenic effects:** Not Classified  
**Mutagenic effects:** Not Classified  
**Reproductive toxicity:** Not Classified  
**Target organs:** Not Classified

**Section 12: Ecological Information (non-mandatory)**

**Ecotoxicity:** No additional information available  
**Mobility:** Not established  
**Biodegradation:** Not established  
**Bioaccumulation:** Not established

**Section 13: Disposal Considerations (non-mandatory)**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Section 14: Transport Information (non-mandatory)**

**DOT regulations:** Not regulated for transport

- **Hazard class:** Not regulated for transport
- **Land transport ADR/RID (cross-border):** Not regulated for transport
- **ADR/RID class:** Not regulated for transport
- **Maritime transport IMDG:** Not regulated for transport

**Air transport ICAO-TI and IATA-DGR:** Not regulated for transport

- **ICAO/IATA Class:** Not regulated for transport

## Section 15: Regulatory Information (non-mandatory)

### US Federal Regulations

#### **SARA Section 355 (extremely hazardous substances):**

**SARA Section 313 (specific toxic chemical listings):** The following components are subject to reporting levels established by SARA Title III, Section 313:

111-76-2 2-Butoxy ethanol 15%

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):**

#### **TSCA (Toxic Substances Control Act):**

Sodium Lauryl Sulfate (CAS 68585-47-7)

2-Butoxy ethanol 10-25% (CAS 111-76-2)

CA PROP. 65:

This product contains no chemicals requiring a PROP. 65 warning.

### RIGHT TO KNOW

#### **MA:**

111-76-2 2-Butoxy ethanol 10-25%

#### **PA:**

111-76-2 2-Butoxy ethanol 10-25%

#### **NJ:**

111-76-2 2-Butoxy ethanol 10-25%

## Section 16: Other Information

**SDS date of preparation/update:** 03/18/2021