

SAFETY DATA SHEET

Section 1: Identification

Product Name: Instant Grime Cutter, Surface Cleaner / Degreaser

Part Number: B-GRIME32, B-GRIME1, B-GRIME5, B-GRIME

Recommended Use: Multi-Purpose Surface Cleaner & Degreaser

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:

Flammable Liquids: 4

Acute Toxicity, Oral: 4

Skin Irritation: 2

Eye Irritation: 2A

Inhalation: 4

OSHA Defined: None

Signal Word(s): Warning

Hazard Statements: Harmful if swallowed in contact with skin or inhaled. Causes skin irritation. Causes serious eye irritation. May be corrosive to metals

Pictograms:



Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. No smoking Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin 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/ eye protection/ face protection.

RESPONSE:

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

IF ON SKIN: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell.

INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

IF IN EYES: Rinse cautiously 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.

Take off contaminated clothing and wash before reuse

Description of other hazards: N/A

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Sodium Metasilicate		6834-92-0	1-5%
2-n-Butoxyethanol		111-76-2	1-5%
Ethoxylated fatty alcohol		Trade Secret	1-5%

Section 4: First-Aid Measures

After skin contact: Wash with plenty of water. Call a POISON CENTER/doctor if you feel unwell.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

After inhalation: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

After swallowing: 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 a solid water stream as it may scatter and spread fire

Special protective equipment for firefighters: Self contained breathing apparatus & Full protective clothing

Section 6: Accidental Release Measures

Personal precautions: Do not get in eyes, on skin or on clothing. Avoid breathing dust. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Wet material may pose a slipping hazard. Wear appropriate personal protective equipment recommended in Section 8, Exposure Controls / Personal Protection, of the SDS.

Measures for environmental protection: This material is alkaline and may raise the pH of surface waters with low buffering capacity. Keep out of water supplies and sewers. Releases should be reported, if required, to appropriate agencies.

Measures for cleaning/collecting: Shovel dry material into suitable container. Vacuum any remaining material into a suitable container. Flush spill area with water, if appropriate. Liquid material may be removed with a vacuum truck. Wet material is slippery under foot.

Section 7: Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety procedures. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Wet material may pose a slipping hazard. Wear appropriate personal protective equipment recommended in Section 8, Exposure Controls / Personal Protection, of the SDS.

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 (TWA)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Sodium Metasilicate	None	None	None	None
2-n-Butoxyethano	20 ppm 97 mg/m ³	50 ppm 240 mg/m ³	20 ppm	

General protective and hygienic measures: Gloves. Protective goggles. Protective clothing

Breathing equipment: 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: > 200 °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: Not reactive under normal temperatures and pressures.

Chemical stability: Product is stable

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

Incompatible materials: Strong oxidizers

Hazardous decomposition products: Carbon oxides (CO, CO₂).

Section 11: Toxicological Information

toxicity:

Sodium Metasilicate (6834-92-0)	
LD50 Oral Rat	1150 mg/kg
-	-

Potential routes of exposure/potential health effects

Skin: Causes severe skin burns. May cause redness, irritation, burning sensation, swelling, blister formation, first, second, or third degree burns.

Eye: Causes serious eye damage. May cause severe irritation, pain and corneal burns (possibly leading to blindness). The full extent of the injury may not be immediately apparent.

Inhalation: May cause irritation of the respiratory tract with coughing, choking, pain and possibly burns of the mucous membranes. Upon contact with moist mucous membranes, sodium metasilicate is highly alkaline and may cause corrosive damage.

Ingestion: Harmful if swallowed. May cause immediate pain and severe burns of the upper and lower gastrointestinal tract with vomiting, nausea, and diarrhea.

Carcinogenic effects: Not Classified

Mutagenic effects: Not Classified

Reproductive toxicity: Not Classified

Target organs: Not Classified

2-n-Butoxyethano	
LD50 Oral Guinea pig	1,414 mg/kg
LD50 Dermal Rabbit	435 mg/kg

Potential routes of exposure/potential health effects

Skin: Irritating to skin

Eye: Irritating to eyes

Inhalation: Not Classified

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

Ethoxylated fatty alcohol	
LD50 Oral Rat	1,200 mg/kg
LD50 Dermal Rat	2000 mg/kg

Potential routes of exposure/potential health effects

Skin: Irritating to skin
Eye: Irritating to eyes
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, Sec. 313:
2-n-Butoxyethanol CAS-No. 111-76-2 Revision Date 1993-02-16

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

TSCA (Toxic Substances Control Act): All components are listed or exempt

Pennsylvania Right To Know Components

2-n-Butoxyethanol CAS-No. 111-76-2 Revision Date 1993-02-16

CA PROP 65:

⚠ WARNING: This product can expose you to Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16: Other Information

SDS date of preparation/update: 03/19/2020