

SAFETY DATA SHEET

This form complies with OSHA Hazardous Communication Standard, 29 CFR 1910.1200.

SECTION 1- Product and Company Identification

Product: Safety Prep™

Synonyms: NSNs: 6850-01-381-5088 & 6850-01-381-5139

Company Identification:

Inland Technology Incorporated • 401 East 27th Street • Tacoma, WA 98421

Product Information: 1-800-552-3100

Transportation Emergencies: 1-800-255-3924

Date: December 28, 2015

SDS No. G15061

Product Number: FD080

SECTION 2 –Hazards Identification

CLASSIFICATION:

Acute toxicity - Oral Category 5

Skin corrosion/irritation Category 1

Serious eye damage/eye irritation Category 1

LABEL:

Pictogram:



Signal Word: Danger

Hazard Statements:

May be harmful if swallowed

Causes severe skin burns and eye damage

Precautionary Statements:

Prevention: Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Response: Specific Treatment (See Section 4 on the SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

In case of fire: Use CO₂, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with all local, regional, national and international regulations.

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SECTION 3 – Composition/Information on Ingredients

COMPONENTS	CAS #	Concentration
2-Butoxyethanol	111-76-2	10-30%
Sodium Metasilicate	6834-92-0	<7%

SECTION 4 – First Aid Measures

Emergency and First-Aid Procedures:

Skin Contact: Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Immediate medical attention is not required. If skin irritation persists, call a physician.

Eye contact: Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Inhalation: Remove to fresh air. Call a physician or poison control center immediately. Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Immediate medical attention is required. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Call a physician. Remove from exposure, lie down. Call a physician or poison control center immediately.

Most important symptoms and effects:

Any additional important symptoms and effects are described in Section 11: Toxicology information.

Indication of any immediate medical attention and special treatment needed:

Immediate medical attention is required. If symptoms persist, call a physician.

SECTION 5 - Fire Fighting Measures

Flash point: None

Flammable Limits: - LEL: None UEL: None

Autoignition Temperature: None

Extinguishing Media: Foam, water, water spray (fog), dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: None known

Unusual Fire and Explosion Hazards: None known.

SECTION 6 - Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures: Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

Environmental precautions: Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up: Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

SECTION 7 - Handling and Storage

Handling: Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Handling temperature and pressure: Ambient

Static Accumulator: This material is not a static accumulator.

Storage: Keep container sealed when not in use. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Storage temperature and pressure: Ambient

Suitable storage materials and coatings: Polyethylene, polypropylene and most plastics.

Incompatible materials: Incompatible with oxidizing agents.

SECTION 8 – Exposure Controls/Personal Protection

COMPONENTS	CAS #	PEL	TLV	OTHER
2-Butoxyethanol	111-76-2	TWA: 50 ppm	TWA: 20 ppm	NIOSH IDLH: 700 ppm

Engineering Controls:

Ventilation: Mechanical ventilation not normally required unless product is heated and/or is atomized in a confined space.

Other Engineering Controls: Eye wash or sterile eye rinse and showers. Keep container closed.

Work Practices: Read and understand all cautions, labels, and SDS before using this product.

Hygiene Practices: Do not have food or drink in the vicinity. Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Wash contaminated clothing before reuse.

Personal Protection Equipment

Respirator: None normally required.

Gloves: Use chemical resistant gloves.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Equipment: None normally required.

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SECTION 9 – Physical/Chemical Properties

Initial Boiling Point: 212°F	Specific Gravity (H₂O=1): 1.02
Vapor Pressure (@ 20°C in mmHg): 17	Vapor Density (air=1): <1
Evaporation Rate (water=1): 1	Solubility: 100% water soluble
Appearance: pink clear liquid	Odor: glycol ether odor
Odor threshold: N/D	Melting/Freezing point: N/D
Flash point: None	Auto-ignition temperature: N/D
Flammable Limit: - LEL: none	Flammable Limit: - UEL: none
Partition coefficient n-octanol/water: N/D	Decomposition temperature: N/D
Viscosity: N/D	Volatile by Volume: >85%
pH: 12.5	Melting point: N/D

SECTION 10 – Stability and Reactivity Data

Reactivity: non-reactive.
Chemical Stability: Stable under normal conditions
Hazardous Reactions: Will not occur
Conditions to Avoid: N/A
Material to avoid: Avoid contact with strong acids and strong oxidizing agents.
Hazardous Decomposition Products: Cox and hydrocarbons

SECTION 11 – Toxicological Information

Signs and Symptoms of Overexposure

Inhalation: Causes burns.
Eye contact: Corrosive to the eyes.
Skin contact: Causes burns
Ingestion: Causes burns.
Medical Conditions Aggravated by Exposure: May aggravate existing dermatitis.

COMPONENTS	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol	470 mg/kg (rat)	99mg/kg (rabbit)	450 ppm (rat)
Sodium Metasilicate	600 mg/kg (rat)	Not known	Not known

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Acute Health Effects: Liquid contacting the eyes may cause severe irritation or burns. Inhalation of vapor may cause irritation. Inhalation of mist may be corrosive. Ingestion may cause gastrointestinal damage. Sodium metasilicate is corrosive.

Chronic Health Effects: Glycol Ether EB absorbs through the skin and apparently has been found to cause liver abnormalities, kidney damage, lung damage and blood abnormalities in laboratory animals.

Carcinogenic Ingredients: None

Primary Routes of Entry: Skin, skin absorption and eyes.

Medical Conditions Aggravated by Exposure: May aggravate existing dermatitis.

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SECTION 12 – Ecological Information

Ecotoxicological Information:

Component	Algae/aquatic plants	Fish LC50	Crustacea
2-Butoxyethanol	N/A	LC50: 2950 mg/L <i>Lepomis macrochirus</i>	EC 50:1940 mg/L <i>Daphnia magna</i>
Sodium Metasilicate	N/A	LC50: 210 mg/L <i>Brachydanio rerio</i>	EC50: 216 mg/L <i>Daphnia magna</i>

Mobility:

No Information available.

Persistence and degradability:

This material is expected to biodegrade at a moderate rate and be 'inherently' biodegradable.

Bio-accumulation: Product is not expected to bioaccumulate.

See additional information in sections 6, 13, & 15.

SECTION 13 – Disposal Considerations

Waste Disposal Method: Contact federal, state, county or local environmental regulatory agencies for guidance. This material is considered hazardous by RCRA. D002- Corrosive

SECTION 14 – Transportation Information

Land transport DOT: Not regulated

Maritime transport IMDG: Not regulated

Air transport IATA: Not regulated

SECTION 15 – Regulatory Information

EPCRA: This material contains no extremely hazardous substances.

CERCLA (Superfund): This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA (301-304): No TPQ for product or any constituents.

SARA (311/312): Reportable Hazard Categories: acute and chronic health hazard.

SARA (313) TRI: This material contains 2-butoxyethanol a toxic chemical subject to the reporting requirements of the Toxic Release Program.

RCRA: This material is considered corrosive by characteristic: D002

RCRA: This material contains no hazardous chemicals listed under RCRA lists or TCLP.

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TSCA: All components of this product are listed on the TSCA inventory. This product does not contain any polychlorinated biphenyls.

CWA This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

SECTION 16 – Other Information

NFPA Hazard code: Health: 2 Flammability: 0 Reactivity: 0

HMIS Hazard code: Health: 2 Flammability: 0 Reactivity: 0

Keep All Chemicals Out of the Reach of Children.

The information and recommendations contained herein are presented in good faith and believed to be correct and reliable to the best of Inland Technology's knowledge. Inland Technology, or its distributors, do not warrant or guarantee reliability, and shall not be liable for any loss or damage arising out of the use thereof. Contact Inland Technology to confirm, in advance of need, that the information is current, applicable, and suitable to each circumstance.

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Precautionary Statements - Response

- Specific Treatment (See Section 4 on the SDS)

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