

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : OVEN CLEANER
Product form: Liquid
Other means of identification: LB028

Relevant identified uses of the substance or mixture: Cleaner

Details of the supplier of the safety data sheet

Manufacturer:
Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150
Phone: 816-472-5515

Emergency telephone number

Emergency number: CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Skin corrosion/ irritation (Category 1A)
Serious eye damage / eye irritation (Category 1)
Acute toxicity-Oral (Category 4)
Acute aquatic toxicity (Category 3)
Corrosive to metals (Category 1)
Pictogram



Signal Word

Danger

Hazard Statements

May be corrosive to metals.
Harmful if swallowed.
Causes severe skin burns and eye damage.
Causes serious eye damage.
Harmful to aquatic life.

Precautionary Statements – Prevention

Keep container tightly closed.
Wash face, hands and any exposed skin thoroughly after handling
Avoid release to the environment.

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

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water.

IF SWALLOWED: Rinse mouth, Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

Name	Product identifier	Weight %
Potassium Hydroxide	(CAS No) 1310-58-3	10-20
D-Glucopyranose	(CAS No) 68515-73-1	1-5
2-Butoxyethanol	(CAS No) 111-76-2	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. Continue rinsing during transport to hospital.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediately consult a physician.

Skin Contact: Remove contaminated clothing, wash with soap and plenty of water. Get medical attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause skin corrosion and serious eye damage.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: No data available. Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Fire or excessive heat may produce hazardous decomposition products. Potassium oxide.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment, municipal sewers.

Methods for Cleaning Up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NIOSH
Potassium Hydroxide	1310-58-3	2 mg/m ³ ceiling	None determined	None determined
D-Glucopyranose	68515-73-1	None determined	None determined	None determined

2-Butoxyethanol	111-76-2	TWA: 20 ppm	PEL: 50 ppm 240 mg/m ³	No data available
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Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	Brown
<u>Property</u>	<u>Values</u>
pH	> 13
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	212-340 ° F
Flash Point	>200 ° F
Evaporation Rate	No data available
Flammability (Solid,Gas)	n/a-liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.1
Water Solubility	Soluble in Water
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available

Odor Butyl
 Odor Threshold No data available

Section X – Stability & Reactivity

Reactivity

Mildly reactive. Reactivity with water is exothermic.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

No data available

Incompatible Materials

Water reactive materials, acids, halogenated hydrocarbons, metals, maleic anhydride, peroxides.

Hazardous Decomposition Products

No data available

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes serious eye irritation

Skin Contact: Avoid contact with skin.

Ingestion: May be harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Potassium Hydroxide	1310-58-3	No data available	No data available	No data available
D-Glucopyranose	68515-73-1	>3,730 mg/kg (Rat)	>8,000 mg/kg (Rabbit)	No data available
2-Butoxyethanol	111-76-2	=1300 mg/kg (Rat) =1400 mg/kg (Guinea Pig)	>2,000mg/kg(Rat >2,000mg/kg(Guinea Pig)	>4.9 mg/l (Rat) 3h >3.4 mg/l (Guinea Pig) 1h

Chemical Name	Potassium Hydroxide	D-Glucopyranose	2-Butoxyethanol
Skin corrosion/irritation	Severe skin burns	Slight irritation	Moderate irritation(
Serious eye damage/irritation	Serious eye damage	Severe irritation or burns. May result in permanent impairment or blindness	Moderate irritation
Respiratory or skin sensitization	No data available	No data available	Not a sensitizer
Mutagenicity	No evidence	No data available	Negative
Carcinogenicity	No evidence	No data available	Not classified as carcinogen
Reproductive toxicity	No evidence	No data available	Not classified as hazardous
Specific target organ toxicity- Single exposure	No data available	No data available	Not classified
Specific target organ toxicity- repeated exposure	No data available	No data available	Not classified

Aspiration hazard	No data available	Not likely to be a hazard	May cause a serious chemical pneumonia
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Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term

Exposure

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
Potassium Hydroxide	1310-58-3	No data available	96 HR LC50 GAMBUSIA AFFINIS 80 MG/L [STATIC]	No data available
D-Glucopyranose	68515-73-1	EC-50 Skeletonema costatum, 72 Hour, Growth rate inhibition, 21 mg/l	LC50 Pimephales promelas (fathead minnow), static test, 96 Hour, 198 mg/l,	EC-50 Daphnia magna (Water flea), static test, 48 Hour, 280 mg/l, copepod Acartia tonsa, 48 Hour, 17 mg/l
2-Butoxyethanol	111-76-2	EC-50 (Algae (Pseudokirchneriella subcapitata), 72 h): 1,840 mg/l	LC-50 (Oncorhynchus mykiss, 96 h): 1,474 mg/l NOEC (Zebra Fish, 21 d): > 100 mg/l	EC-50 (Water Flea, 48 h): 1,550 mg/l NOEC (daphnid, 21 d): 100 mg/l

Persistence and Degradability

No data available

Bioaccumulation

No data available

Mobility

No data available

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Bulk or Non-Bulk: NA1760, Compounds, cleaning liquid, (Potassium Hydroxide), 8, PG II

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute and health hazard

SARA Title III Section 313 (40CFR372): One reportable component. 2-Butoxyethanol

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Potassium Hydroxide	X	X	X
D-Glucopyranose			
2-Butoxyethanol	X	X	X

Section XVI - Other information

HMIS ratings: Health: 3
Flammability: 0
Reactivity: 1

Indication of changes: Revision – 1

Date Sheet Prepared: 04/24/2015 Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

END OF SDS