

SAFETY DATA SHEET

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

Section I - Product & Company Identification

Product identifier

Product name : DRAIN PIPE CLEANER

Product form: Powder

Other means of identification: LB724

Relevant identified uses of the substance or mixture: Drain 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: 1-800-424-9300 (CHEMTREC)

Section II – Hazards Identification

Classification

Corrosive to metals-Category 1

Acute toxicity – Oral –Category 4

Serious eye damage/Eye Irritation - Category 1

Skin corrosion/ irritation - Category 1B

Acute aquatic toxicity- Category 3

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 only in original container.
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Avoid release to the environment.

Precautionary Statements – Response.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call POISON CENTER/doctor.
IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water. If irritation occurs get medical advice/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.
IF SWALLOWED: Do not induce vomiting. Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements – Storage

Keep corrosive resistant containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

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	CAS#	Weight %
Potassium Hydroxide	1310-58-3	50-60

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 immediate medical attention.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause severe skin burns and eye damage

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Alcohol resistant foam, dry chemical or carbon dioxide, water spray..

Unsuitable Extinguishing Media: No data available.

Specific Hazards Arising from the Chemical

Potassium oxides.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH approved and full protective gear. Keep upwind of the fire.

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. Pick up and arrange for disposal without creating dust.

Methods for Cleaning Up: Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Do not absorb in saw-dust or other combustible absorbents.

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. Avoid generation of dust.

Conditions for Safe Storage, Including any Incompatibilities

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

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

<u>Chemical Name</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH</u>
Potassium Hydroxide	1310-58-3	2 mg/m ³	2 mg/m ³	2 mg/m ³

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved chemical safety goggles/face shield at all time. Eyewash station is recommended.

Skin and Body Protection: Wear suitable protective clothing. Nitrile rubber gloves.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. Wear respiratory protection where airborne concentrations are expected to exceed exposure limits.

General Hygiene Considerations: Avoid contact with eyes and skin. Wash hands thoroughly after handling. 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	Yellow
<u>Property</u>	<u>Values</u>
pH	13-14
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	No data available
Flash Point	Not applicable
Evaporation Rate	No data available
Flammability (Solid,Gas)	No data available
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.2
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	Odorless
Odor Threshold	No data available

Section X – Stability & Reactivity

Reactivity

No data available

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available.

Conditions to Avoid

No data available

Incompatible Materials

Light metals, organic materials.

Hazardous Decomposition Products

No data available

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information :

Inhalation: Avoid breathing dust or mists.

Eye Contact: Causes severe eye damage.

Skin Contact: Avoid contact with skin.

Ingestion: 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	214 mg/kg (Rat)	No data available	No data available

Chemical Name	Potassium Hydroxide
Skin corrosion/irritation	Causes severe burns
Serious eye damage/irritation	Corrosive
Respiratory or skin sensitization	Will not occur
Mutagenicity	No data available
Carcinogenicity	No carcinogenic properties
Reproductive toxicity	No data available
Specific target organ toxicity-Single exposure	No data available
Specific target organ toxicity-repeated exposure	No data available
Aspiration hazard	No data available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does contain 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	Crustacea
Potassium Hydroxide	1310-58-3	No data available	No data available	No data available	No data available

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 & Non Bulk: UN1814, Potassium hydroxide solution, 8, PGII

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): acute health hazards.

SARA Title III Section 313 (40CFR372): No reportable component.

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:

None

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Potassium Hydroxide	X	X	X

Section XVI - Other information

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

Indication of changes: Revision – 1

Date Sheet Prepared: 07/17/2015 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