

SAFETY DATA SHEET
OSHA HCS – 29 CFR 1910.1200

Revision Date: October 29, 2021

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: ProAlkaline Drain Opener

Product Code: 100998

Other Means of Identification

None

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: Drain Opener

Restrictions on Use: No relevant information available

Details of the Supplier of the Safety Data Sheet

Manufacturer:

Theochem Laboratories Inc

7373 Rowlett Park Dr

Tampa, Florida 33610

Phone: 813-237-6463

Emergency Phone Number

ChemTel Inc.

(800) 255-3924 (North America)

+1 (813) 248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Product

Hazard Class	Category
Skin Corrosion	1A
Acute Toxicity	4

Signal Word

Danger

Symbols



SAFETY DATA SHEET
OSHA HCS – 29 CFR 1910.1200

Revision Date: October 29, 2021

Hazard Statements

H314: Causes severe skin burns and eye damage.

H302: Harmful if swallowed.

Precautionary Statements

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+312: If swallowed: Call a poison center/doctor if you feel unwell.

P301+330+331: If swallowed: Rinse mouth. Do NOT induce vomiting.

P303+361+353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+340: If inhaled: Remove person to fresh air and keep comfortable for breathing.

P310: Immediately call a poison center/doctor.

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405: Store locked up.

P501: Dispose of contents/container to in accordance with local/regional/national/international regulations.

Other Hazards

There are no hazards not otherwise classified that have been identified.

Unknown Acute Toxicity

There are no ingredients with an unknown acute toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical Name	CAS Number	Percentage
Potassium hydroxide	1310-58-3	15-30%

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

Description of First-Aid Measures

Inhalation	Supply fresh air; consult doctor in case of complaints.
Skin Contact	Immediately remove any clothing soiled by the product. Immediately flush skin with running water. Seek medical treatment in case of complaints.
Eye Contact	Remove contact lenses if worn, if possible. Rinse opened eye for several minutes under running water. Then consult a doctor.
Ingestion	Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

SAFETY DATA SHEET
OSHA HCS – 29 CFR 1910.1200

Revision Date: October 29, 2021

Most Important Symptoms and Effects, Both Acute and Delayed

Irritant to skin and mucous membranes

Coughing, choking, wheezing

Indication of any Immediate Medical Attention and Special Treatment

No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water Spray or Fog. Alcohol resistant foam. Dry chemical powder.
Unsuitable Extinguishing Media	Carbon dioxide
Specific Hazards Arising from the Chemical	Formation of toxic gases is possible during heating or in case of fire.
Special Protective Equipment and Precautions for Fire-Fighters	Wear self-contained respiratory protective device. Wear fully protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment.

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Keep unprotected persons away.

Ensure adequate ventilation.

Methods and Materials for Containment and Cleaning Up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

Clean the affected area carefully.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Avoid contact with the eyes and skin.

Keep out of reach of children.

Conditions for Safe Storage, Including Any Incompatibilities

Unsuitable material for receptacle: aluminum, tin.

Store away from foodstuffs.

Do not store together with acidic materials.

Store in cool, dry conditions in well-sealed receptacles.

SAFETY DATA SHEET
OSHA HCS – 29 CFR 1910.1200

Revision Date: October 29, 2021

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
potassium hydroxide	Ceiling limit: 2 mg/m ³	Long-term value: 2 mg/m ³	2 mg/m ³

Appropriate Engineering Controls

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases/fumes/aerosols.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Tight sealing safety goggles.
Respiratory Protection	Not required under normal conditions of use. Use suitable respiratory protective device in case of insufficient ventilation. For spills, respiratory protection may be advisable.
Hand Protection	Wear suitable gloves. Rubber, butyl, nitrile, neoprene, polyvinyl chloride, or viton gloves.
Skin and Body Protection	Alkaline resistant protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless Liquid	Upper/Lower Flammability	Not Determined
Odor	Odorless	Vapor Pressure	Not Determined
Odor Threshold	Not Determined	Vapor Density	Not Determined
pH	>11.5	Relative Density	1.24
Melting/Freezing Point	Not Determined	Solubility	Soluble
Initial Boiling Point	Not Determined	Partition Coefficient	Not Determined
Flash Point	Not Determined	Auto-Ignition Temperature	Not Determined
Evaporation Rate	Not Determined	Decomposition Temperature	Not Determined
Flammability (solid, gas)	Not Applicable	Viscosity	Not Determined
VOC	0%		

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Contact with most metals will generate flammable hydrogen gas. Contact with water will generate considerable heat. May be corrosive to: Aluminum. Bronze. Brass. Zinc.
Chemical Stability	No decomposition if used and stored according to specifications.
Possibility of Hazardous Reactions	Reacts with violently with strong acids (such as hydrochloric, sulfuric, and nitric). Toxic fumes may be released if heated above the decomposition point.
Conditions to Avoid	Excessive heat.

SAFETY DATA SHEET
OSHA HCS – 29 CFR 1910.1200

Revision Date: October 29, 2021

Incompatible Materials	No further relevant information available.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide Nitrogen oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure

Inhalation	Based on available data, the classification criteria are not met.
Ingestion	Harmful if swallowed.
Skin Contact	Causes severe skin burns.
Eye Contact	Causes serious eye damage.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Irritant to skin and mucous membranes

Coughing

Gastric or intestinal disorders

Nausea

Delayed, Immediate Effects and Chronic Effects from Short- and Long-Term Exposure

No further relevant information available.

Numerical Measures of Toxicity

No available data.

Carcinogen Classifications

IARC (International Agency for Research on Cancer)	None of the ingredients are listed.
NTP (National Toxicology Program)	None of the ingredients are listed.
OSHA (Occupational Safety & Health Administration)	None of the ingredients are listed.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	No further relevant information available.
Persistence and Degradability	No further relevant information available.
Bioaccumulative Potential	No further relevant information available.
Mobility in Soil	No further relevant information available.
Other Adverse Effects	No further relevant information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Recommendations

Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements.

SAFETY DATA SHEET
OSHA HCS – 29 CFR 1910.1200

Revision Date: October 29, 2021

SECTION 14: TRANSPORT INFORMATION

Department of Transportation (DOT)

UN Number	UN1814
Proper Shipping Name	Potassium Hydroxide, Solution
Class	8
Packing Group	II
Marine Pollutant	No
Special Precautions	None

International Maritime Dangerous Goods (IMDG)

UN Number	UN1814
Proper Shipping Name	Potassium Hydroxide, Solution
Class	8
Packing Group	II
Marine Pollutant	No
Special Precautions	None

International Air Transport Association (IATA)

UN Number	UN1814
Proper Shipping Name	Potassium Hydroxide, Solution
Class	8
Packing Group	II
Marine Pollutant	No
Special Precautions	None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not Applicable

SECTION 15: REGULATORY INFORMATION

TSCA (Toxic Substances Control Act)

All of the ingredients are listed.

Proposition 65 (California)

Cancer	None of the ingredients are listed.
Developmental Toxicity for Females	None of the ingredients are listed.
Developmental Toxicity for Males	None of the ingredients are listed.
Developmental Toxicity	None of the ingredients are listed.

DSL (Canadian Domestic Substances List)

None of the ingredients are listed.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Revision Date: October 29, 2021