



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2121201	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	DRAIN TAMER	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Drain & Sewer Opener & Maintainer	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Acute Toxicity 3 (Oral) H301 Acute Toxicity 4 (Dermal) H312 Skin Corrosion 1A H314	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>		
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### HAZARD STATEMENTS:

Toxic if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage.

### PRECAUTIONARY STATEMENTS:

**Prevention:** Do not breathe mist, vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection, protective gloves, protective clothing.

**Response:** IF SWALLOWED: Immediately call a doctor, a POISON CENTER.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of water.

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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, a doctor. Call a doctor, a POISON CENTER if you feel unwell.

Specific treatment (see First aid measures on this label). Specific treatment (see supplemental first aid instruction on the label).

Rinse mouth. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container to comply with local/regional/national/international regulations.

### OTHER HAZARDS:

Additional information available.

### UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	%	GHS-US classification
sodium hydroxide	(CAS-No.) 1310-73-2	40-70	Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314
potassium hydroxide	(CAS-No.) 1310-58-3	3-13	Met. Corr. 1, H290 Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314

Not applicable

**Full text of H-phrases:** See Section 16

A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**GENERAL:** If you feel unwell, seek medical advice (show the label where possible).

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

**SKIN:** Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. Take victim to a doctor if irritation persists.

### INHALATION:

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

### INGESTION:

Immediately call a poison center or doctor/physician. Rinse mouth. Do NOT induce vomiting.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

**Symptoms/effects:** Causes severe skin burns and eye damage.

**Symptoms/effects after inhalation:** Corrosive to the respiratory tract.

**Symptoms/effects after skin contact:** Harmful in contact with skin. Caustic burns/corrosion of the skin.

**Symptoms/effects after eye contact:** Causes serious eye damage. Permanent eye damage.

**Symptoms/effects after ingestion:** Toxic if swallowed. Burns to the gastric/intestinal mucosa.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional information available.

## 5. Fire-Fighting Measures

### SUITABLE EXTINGUISHING MEDIA:

ABC powder.

### SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

**Reactivity:** Reacts violently with water. Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen).

### ADVICE FOR FIREFIGHTERS:

**Firefighting Instructions:** Exercise caution when fighting any chemical fire. Use water moderately and if possible collect or contain it. Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

**General Measures:** Isolate from fire, if possible, without unnecessary risk.

### FOR NON-EMERGENCY PERSONNEL

**Protective Equipment:** Gloves. Protective goggles. Face-shield.

**Emergency Procedures:** Keep upwind.

### FOR EMERGENCY RESPONDERS

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Stop release. Ventilate area.

### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Prevent soil and water pollution.

### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

**For Containment:** Contain released product, pump into suitable containers.

**Methods for Cleaning Up:** Absorb spillage to prevent material-damage.

Small quantities of liquid spill: neutralize with acid solution. This material and its container must be disposed of in a safe way, and as per local legislation.

### REFERENCE TO OTHER SECTIONS:

No additional information available.

## 7. Handling and Storage

### SAFE HANDLING:

**Precautions for Safe Handling:** Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

**Hygiene Measures:** Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

### SAFE STORAGE & INCOMPATIBILITIES:

**Storage Conditions:** Keep container closed when not in use. Store in original container. Store in a dry place. Store in a closed container. Keep cool.

**Incompatible Products:** Strong acids.

**Incompatible Materials:** Metals.

**Storage Area:** Keep only in the original container. Store in a dry area. Store in a cool area.

## 8. Exposure Controls / Personal Protection

### CONTROL PARAMETERS:

sodium hydroxide (1310-73-2)		
ACGIH	ACGIH Ceiling (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
ACGIH	Remark (ACGIH)	URT, eye, & skin irr
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
potassium hydroxide (1310-58-3)		
Not applicable		

**PERSONAL PROTECTIVE EQUIPMENT:** Face shield. Gloves. Safety glasses. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



## 9. Physical & Chemical Properties

<b>Appearance:</b>	Clear to hazy liquid.	<b>Flammability(solid/gas):</b>	No data available.
<b>Physical State:</b>	Liquid	<b>Explosion Limits:</b>	No data available.
<b>Odor:</b>	Mild odor	<b>Explosive Properties:</b>	No data available.
<b>Odor Threshold:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>pH:</b>	14	<b>Relative Density:</b>	No data available.
<b>Melting/Freezing Point:</b>	No data available.	<b>Relative Vapor Density at 20°C:</b>	No data available.
<b>Boiling Point:</b>	No data available.	<b>Solubility:</b>	Soluble in water.
<b>Flash Point:</b>	No data available.	<b>Auto-Ignition Temperature:</b>	No data available.
<b>Specific Gravity/Density:</b>	1.51 g/ml	<b>Decomposition Temperature:</b>	No data available.
<b>Relative Evaporation Rate (butyl acetate=1):</b>	No data available.	<b>Oxidizing Properties:</b>	No data available.
<b>VOC Content:</b>	0 %	<b>Viscosity:</b>	No data available.
<b>Log Pow:</b>	No data available.	<b>Viscosity, kinematic:</b>	No data available.
<b>Log Kow:</b>	No data available.	<b>Viscosity, dynamic:</b>	No data available.
<b>Specific Gravity/Density:</b>	1.51 g/ml		

## 10. Stability & Reactivity Information

### REACTIVITY:

Reacts violently with water. Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen).

### CHEMICAL STABILITY:

No additional information available.

### POSSIBILITY OF HAZARDOUS REACTIONS:

Reacts violently with water.

### CONDITIONS TO AVOID:

No additional information available.

### INCOMPATIBLE MATERIALS:

May be corrosive to metals. Strong acids. metals.

### HAZARDOUS DECOMPOSITION PRODUCTS:

May release flammable gases.

## 11. Toxicological Information

### ACUTE TOXICITY:

**Oral:** Toxic if swallowed.

**Dermal:** Harmful in contact with skin.

<b>Drain Tamer</b>	
LD50 oral rat	214 mg/kg Potassium Hydroxide
LD50 dermal rabbit	1350 mg/kg Sodium Hydroxide

<b>sodium hydroxide (1310-73-2)</b>	
LD50 oral rat	4090 mg/kg
LD50 dermal rabbit	1350 mg/kg
ATE CLP (oral)	4090 mg/kg body weight
ATE CLP (dermal)	1350 mg/kg body weight

<b>potassium hydroxide (1310-58-3)</b>	
LD50 oral rat	214 mg/kg
ATE CLP (oral)	500 mg/kg body weight

### SKIN CORROSION/IRRITATION:

Causes severe skin burns and eye damage.

pH: 14

### SERIOUS EYE DAMAGE/IRRITATION:

Not classified.

pH: 14

### RESPIRATORY OR SKIN SENSITIZATION:

Not classified

### GERM CELL MUTAGENICITY:

Not classified.

### CARCINOGENICITY:

Not classified.

### REPRODUCTIVE TOXICITY:

Not classified.

### SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:

Not classified.

### SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:

Not classified.

### ASPIRATION HAZARD:

Not classified.

### SYMPTOMS/EFFECTS AFTER INHALATION:

Corrosive to the respiratory tract.

### SYMPTOMS/EFFECTS AFTER SKIN CONTACT:

Harmful in contact with skin. Caustic burns/corrosion of the skin.

### SYMPTOMS/EFFECTS AFTER EYE CONTACT:

Causes serious eye damage. Permanent eye damage.

### SYMPTOMS/EFFECTS AFTER INGESTION:

Toxic if swallowed. Burns to the gastric/intestinal mucosa.

### LIKELY ROUTES OF EXPOSURE:

Skin and eye contact

## 12. Ecological Information

### TOXICITY:

No additional information available.

### PERSISTENCE AND DEGRADABILITY:

No additional information available.

### BIOACCUMULATIVE POTENTIAL:

No additional information available.

### 13. Disposal Consideration

#### PRODUCT/PACKAGING DISPOSAL RECOMMENDATIONS:

Dispose of contents/container to comply with local/regional/national regulations.

### 14. Transportation Information

#### DEPARTMENT OF TRANSPORTATION (DOT):

**Transport Document Description:** UN3266 Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, potassium hydroxide), 8, II

**UN-No. (DOT):** UN3266

**Proper Shipping Name (DOT):** Corrosive liquid, basic, inorganic, n.o.s.

**Class (DOT): 8 – Class:** 8 - Corrosive material 49 CFR 173.136

**Hazard labels (DOT):** 8 - Corrosive

**Packing group (DOT):** II - Medium Danger

**DOT Packaging Non Bulk (49 CFR 173.xxx):** 202

**DOT Packaging Bulk (49 CFR 173.xxx):** 242

**DOT Symbols:** G - Identifies PSN requiring a technical name

**DOT Special Provisions (49 CFR 172.102):** B2, IB2, T11, TP2, TP27

**DOT Packaging Exceptions (49 CFR 173.xxx):** 154

**DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):** 1 L

**DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75):** 30 L

**DOT Vessel Stowage Location:** B

**DOT Vessel Stowage Other:** 40 - Stow "clear of living quarters", 52 - Stow "separated from" acids



#### OTHER INFORMATION:

When transported by ground, this product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.154. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.

**ADR:** No additional information available.

#### Transport By Sea:

No additional information available.

#### Air Transport:

No additional information available.

### 15. Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

<b>sodium hydroxide (1310-73-2)</b>	
Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	1000 lb

<b>potassium hydroxide (1310-58-3)</b>	
Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	1000 lb

**WARNING** This product can expose you to cadmium (non-pyrophoric), 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](http://www.P65Warnings.ca.gov).

### 16. Other Information

#### TRAINING ADVICE:

Normal use of this product shall imply use in accordance with the instructions on the packaging.

#### Full Text of H-phrases:

H290	May be corrosive to metals
H301	Toxic if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage

#### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.