



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	3420	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	FLOW FREE	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Citrus-scented, granular drain line opener and maintainer	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	Pro Chem, Inc. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

**GHS CLASSIFICATION:**  
Skin Corrosion: Category 1A  
Serious Eye Damage: Category 1

**SIGNAL WORD:**  
**DANGER**

**SYMBOL:**



### GHS LABEL:

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

### HAZARD STATEMENT (S):

Causes severe skin burns and eye damage.  
May be harmful if inhaled.

### PRECAUTIONARY STATEMENT:

#### Prevention:

Keep only in original container.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash face, hands, and any exposed skin thoroughly after handling.  
Avoid release to the environment.  
Wear protective gloves/protective clothing/eye protection/face protection.

#### Response:

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove to fresh air and keep at rest in a position 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 or doctor/physician.  
Specific treatment (see supplemental first aid instructions on this label).  
Wash contaminated clothing before reuse.  
Absorb spillage to prevent material damage.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container to an approved waste disposal plant.

### POTENTIAL HEALTH EFFECTS:

**Eyes:** Contact causes severe eye irritation.

**Skin:** Corrosive causes skin burning.

**Ingestion:** Toxic if swallowed.

**Inhalation:** Over exposure can be toxic.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	Wt. %	CAS
Sodium hydroxide	< 65	1310-73-2

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

### INHALATION:

If breathing, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

### INGESTION:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**SKIN:** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a POISON CENTER or doctor/physician. Remove and wash contaminated clothing before reuse.

## 5. Fire Fighting Measures

### EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### FIREFIGHTING EQUIPMENT:

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

### FLAMMABLE CLASS:

Product does not burn.

### SENSITIVE TO STATIC DISCHARGE:

None.

### SENSITIVITY TO IMPACT:

None.

## 6. Accidental Release Measures

### GENERAL PROCEDURES:

No action should be taken involving personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

### RELEASE NOTES:

Take steps to avoid release into the environment, if safe to do so.

### SPECIAL PROTECTIVE EQUIPMENT:

Avoid breathing vapors and provide adequate ventilation. As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator, and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

## 7. Handling and Storage

### HANDLING:

Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

### STORAGE PRECAUTIONS:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure Controls / Personal Protection

### EXPOSURE GUIDELINES:

#### OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

CHEMICAL NAME:		EXPOSURE LIMITS			
		OSHA PEL		SUPPLIER OEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Sodium Hydroxide	TWA		2	NL	NL
	STEL			NL	NL

### PERSONAL PROTECTIVE EQUIPMENT:



**SKIN:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**EYES AND FACE:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, or dusts. Recommended: splash goggles with the use of any liquid products.

**RESPIRATORY PROTECTION:** Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the safe working limits of the selected respirator.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms, and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory, and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material or any chemical should be equipped with an eyewash and safety shower. Always wash thoroughly after handling.

### ENGINEERING CONTROLS:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

## 9. Physical & Chemical Properties

**PHYSICAL STATE:** Solid/beads.

**ODOR:** Fragranced.

**APPEARANCE:** Colored pearls.

**PH:** 13-14

**FLASH POINT AND METHOD:** Not applicable.

**FLAMMABLE LIMITS:** No data available.

**AUTO-IGNITION TEMPERATURE:** No data available.

**VAPOR PRESSURE:** No data available.

**VAPOR DENSITY(AIR=1):** 1.38

**BOILING POINT:** Not applicable.

**FREEZING POINT:** Not applicable.

**MELTING POINT:** 318°C (604°F) lit.

**POUR POINT: NA =** Not applicable.

**THERMAL DECOMPOSITION:** No data available.

**SOLUBILITY IN WATER:** 1260 g/l at 20°C (68°F)

**EVAPORATION RATE:** No data available.

**SPECIFIC GRAVITY:** 2.13 g/cm<sup>3</sup>

**VISCOSITY:** No data available.

**OXIDIZING PROPERTIES:** No data available.

## 10. Stability & Reactivity Information

### STABLE:

Yes.

### HAZARDOUS POLYMERIZATION:

No.

### STABILITY:

Stable under recommended storage conditions.

### POLYMERIZATION:

None.

### CONDITIONS TO AVOID:

No data available.

### POSSIBILITY OF HAZARDOUS REACTIONS:

No data available.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

No data available.

**INCOMPATIBLE MATERIALS:**

Strong oxidizing agents, strong acids, organic materials.

**11. Toxicological Information****EYE EFFECTS:**

Causes serious eye irritation.

**SKIN EFFECTS:**

Causes severe skin burns.

**CHRONIC:**

No data available

**SUB-CHRONIC:**

No data available

**CARCINOGENICITY****IARC:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.**NTP:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.**OSHA:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.**REPEATED DOSE EFFECTS:**

No data available.

**SENSITIZATION:**

Will not occur.

**NEUROTOXICITY:**

No data available.

**GENETIC EFFECTS:**

No data available.

**REPRODUCTIVE EFFECTS:**

No data available.

**TARGET ORGANS:**

No data available.

**TERATOGENIC EFFECTS:**

No data available.

**MUTAGENICITY:**

No data available.

**SYNERGISTIC MATERIALS:**

No data available.

**12. Ecological Information**

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

**13. Disposal Consideration****DISPOSAL METHOD:**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**EMPTY CONTAINER:**

Do not reuse empty containers.

**14. Transportation Information****DOT (DEPARTMENT OF TRANSPORTATION):****PROPER SHIPPING NAME:**

Corrosive Solids, N.O.S.

**TECHNICAL NAME:**

(Contains: Sodium Hydroxide)

**PRIMARY HAZARD CLASS/DIVISION:**

8

**UN/NA NUMBER:**

UN1759

**PACKING GROUP:**

II

**REPORTABLE QUANTITY (RQ) UNDER CERCLA:**

1000 lbs

**LABEL:** Corrosive.**OTHER SHIPPING INFORMATION:**

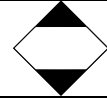
All products offered for domestic ground transportation that meet the following Exceptions for Class 8 (corrosive materials) will be packaged and shipped as "Limited Qty".

(1) For corrosive materials in Packing Group II, inner packaging not over 1.0 L (0.3 gallon) net capacity each for liquids or not over 1.0 kg (2.2 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

(2) For corrosive materials in Packing Group III, inner packaging not over 5.0 L (1.3 gallon) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging with a gross package weight of 66 lbs or less.

**15. Regulatory Information**

**UNITED STATES:  
DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Acute health hazard.

**313 REPORTABLE INGREDIENTS:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

<b>CHEMICAL NAME</b>	<b>Wt. %</b>	<b>CERCLA RQ</b>
Sodium hydroxide	<65	1,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

<b>CHEMICAL NAME</b>	<b>CAS</b>
Sodium hydroxide	1310-73-2

**CALIFORNIA PROPOSITION 65:**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**CLEAN WATER ACT:**

Sodium hydroxide.

**16. Other Information**

**N/A = Not Applicable; N/D = Not Determined**

**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.