



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2620	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	ASSAULT	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Heavy-Duty Biodegradable Water-Based Degreaser	<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> <b>Health:</b> Skin Corrosion / Irritation, Category 1 Serious Eye Damage / Eye Irritation, Category 1	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>	
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### GHS LABEL:

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

### HAZARD STATEMENTS:

H314: Causes severe skin burns and eye damage.

### PRECAUTIONARY STATEMENTS:

**Prevention:** P264: Wash face, hands and any exposed skin thoroughly after handling.

**Response:** P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P314: Get medical advice/attention if you feel unwell.

**Storage:** P405: Store locked up.

**Disposal:** P501: Dispose of contents/container to an approved waste disposal plant.

### EMERGENCY OVERVIEW

**Physical Appearance:** Colored Liquid.

**Potential Health Effects Eyes:** Corrosive, contact causes severe eye burns.

**Skin:** Corrosive, causes skin burning.

**Ingestion:** Toxic if swallowed.

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

### REPRODUCTIVE TOXICITY REPRODUCTIVE EFFECTS:

No known significant effects or critical hazards.

### TERATOGENIC EFFECTS:

No known significant effects or critical hazards.

### CARCINOGENICITY:

No known significant effects or critical hazards.

### MUTAGENICITY:

No known significant effects or critical hazards.

### MEDICAL CONDITIONS AGGRAVATED:

Pre-existing disorders involving any target organs mentioned in this SDS as being at risk be aggravated by over-exposure to this product.

### ROUTES OF ENTRY:

Dermal contact. Eye contact. Inhalation. Ingestion.

### TARGET ORGAN STATEMENT:

Contains material which may cause damage to the following organs: blood, kidneys, lungs, liver, lymphatic system, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Wt.%
2- Butoxyethanol	111-76-2	< 10
Silicic Acid (h2sio3), Disodium Salt	6834-92-0	< 5
Potassium Hydroxide	1310-58-3	< 5

## 4. First Aid Measures

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or Poison Control Center Immediately.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists

### INGESTION:

Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center.

### INHALATION:

Move to fresh air in case of accidental inhalation of vapors or decomposition products. Get medical attention immediately if symptoms occur.

### NOTES TO PHYSICIAN:

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## 5. Fire-Fighting Measures

### GENERAL HAZARD:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

### EXTINGUISHING MEDIA:

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

### OTHER CONSIDERATIONS:

In a fire or if heated, a pressure increase will occur and the container may burst.

### EXPLOSION HAZARDS:

None.

### FIRE FIGHTING EQUIPMENT:

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

### SENSITIVE TO STATIC DISCHARGE:

None.

### SENSITIVITY TO IMPACT:

None.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides

## 6. Accidental Release Measures

### SMALL SPILL:

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

### LARGE SPILL:

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

### GENERAL PROCEDURES:

No action should be taken involving and 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:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 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 re-use. Wash thoroughly after handling.

### STORAGE:

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)					
		EXPOSURE LIMITS					
Chemical Name		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
2- Butoxyethanol	TWA	50	240	20	97	NL	NL
	STEL					NL	NL

### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** 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.

**Skin Protection:** 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.

**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.

### 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.

**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.

**9. Physical & Chemical Properties**

<b>Appearance:</b>	Colored liquid.	<b>Thermal Decomposition:</b>	No data available.
<b>Physical State:</b>	Liquid.	<b>Auto-Ignition Temp:</b>	No data available.
<b>Odor:</b>	Fragranced.	<b>Specific Gravity:</b>	1.07 to 1.08
<b>Flash Point &amp; Method:</b>	> (200°F) Closed cup	<b>Vapor Density:</b>	No data available.
<b>pH:</b>	12.5 to 13.5	<b>Vapor Pressure:</b>	No data available.
<b>Boiling Point:</b>	(212°F) to (340°F)	<b>Melting Point:</b>	No data available.
<b>Solubility in Water:</b>	Completely soluble.	<b>Evaporation Rate:</b>	No data available.
<b>VOC:</b>	Product meets California Air Resources Board (CARB) standards for Volatile Organic Compounds.		

**10. Stability & Reactivity Information****STABLE:**

Yes.

**HAZARDOUS POLYMERIZATION:**

No.

**STABILITY:**

Stable under recommended storage conditions.

**POLYMERIZATION:**

Hazardous polymerization does not occur.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

Under normal conditions of storage and use, hazardous reactions will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**INCOMPATIBLE MATERIALS:**

Aluminum, copper, zinc and strong acids.

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

Causes serious eye irritation.

**SKIN EFFECTS:**

Causes severe skin burns.

**CHRONIC:**

No data available.

**REPEATED DOSE EFFECTS:**

No data available.

**IRRITATION:**

Severe irritant to eyes and skin.

**SENSITIZATION:**

No data available.

**NEUROTOXICITY:**

No data available.

**GENETIC EFFECTS:**

No data available.

**REPRODUCTIVE EFFECTS:**

No data available.

**TERATOGENIC EFFECTS:**

No data available.

**MUTAGENICITY:**

No data available.

**12. Ecological Information****ENVIRONMENTAL DATA:**

This material has not been tested for acute environmental effects.

**ECOTOXICOLOGICAL INFORMATION:**

No known significant effects or critical hazards.

**BIOACCUMULATION/ACCUMULATION:**

No evidence to suggest bio-accumulation will occur.

**DISTRIBUTION:**

No data available.

**CHEMICAL FATE INFORMATION:**

No data available.

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

This material, as supplied, is not a hazardous waste according to federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixing with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**EMPTY CONTAINER:**

Do not re-use empty containers.

**14. Transportation Information****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Corrosive Liquid N.O.S.**TECHNICAL NAME:** (Caustic Potash)**PRIMARY HAZARD CLASS/DIVISION:** 8**UN/NA NUMBER:** UN1760**PACKING GROUP:** III**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 packagings 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 packagings 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)****FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)**

CHEMICAL NAME	WT.%	CERCLA RQ
Potassium Hydroxide	< 5	1,000

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

CHEMICAL NAME	CAS
2- Butoxyethanol	111-76-2
Silicic Acid (h2sio3), Disodium Salt	6834-92-0
Potassium Hydroxide	1310-58-3

**16. Other Information****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.