




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2620	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ASSAULT	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Heavy-Duty Biodegradable Water-Based Degreaser	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Skin Corrosion/Irritation: Category 1 Subcategory 1A Serious Eye Damage/Eye Irritation: Category 1	SIGNAL WORD: DANGER	SYMBOL:	
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HAZARD STATEMENTS:

H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.

PRECAUTIONARY STATEMENTS:

Prevention:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash face, hands, and any exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P310: Immediately call a POISON CENTER or doctor/physician.

Storage:

P102: Keep out of reach of children.

Disposal:

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

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
2- Butoxyethanol	111-76-2	<10
Acid Silicic Acid (h2sio3), Disodium Salt	6834-92-0	<5
Potassium Hydroxide	1310-58-3	<5

4. First Aid Measures

EMERGENCY OVERVIEW

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.

INHALATION:

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

INGESTION:

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

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

SUITABLE FIRE EXTINGUISHING MEDIA:

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

GENERAL FIRE 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.

SENSITIVE TO STATIC DISCHARGE:

None.

SENSITIVITY TO IMPACT:

None.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

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

EXPLOSION HAZARDS:

None.

HAZARDOUS COMBUSTION PRODUCTS:

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

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

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

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 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:

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, watercourses, 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

SAFE HANDLING:

Ensure adequate ventilation. Wear personal protective equipment. 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.

SAFE STORAGE & INCOMPATIBILITIES:

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

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

Chemical Name		EXPOSURE LIMITS					
		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.

GENERAL HYGIENE CONSIDERATIONS: 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.

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

APPEARANCE:	Colored liquid.	VAPOR DENSITY:	No data available.
Physical State:	Liquid.	VAPOR PRESSURE:	No data available.
ODOR:	Fragranced.	SOLUBILITY (water):	Completely soluble.
pH:	12.5-13.5	AUTO-IGNITION TEMP:	No data available.
MELTING/FREEZING POINT:	No data available.	THERMAL DECOMPOSITION:	No data available.
BOILING POINT/RANGE:	212°F-340°F	VOC (g/L):	Product meets California Air Resources Board (CARB) standards for Volatile Organic Compounds.
FLASH POINT & METHOD:	>200°F; Closed cup.	EVAPORATION RATE:	No data available.
SPECIFIC GRAVITY:	1.07 to 1.08		

10. Stability & Reactivity Information

STABLE:

Yes.

STABILITY:

Stable under recommended storage conditions.

HAZARDOUS 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

PRIMARY ROUTE OF ENTRY:

EYES: Causes serious eye irritation.

SKIN: Causes severe skin burns.

CHRONIC:

No data available.

SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:

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:

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

ECOTOXICOLOGICAL INFORMATION:

No known significant effects or critical hazards.

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

UN NUMBER: UN1760

PROPER SHIPPING NAME: Corrosive Liquid N.O.S.

TRANSPORT HAZARD CLASS(ES): 8

TECHNICAL NAME: (Contains: Caustic Potash)

PACKING GROUP: III

Label(s): 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):**

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

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

NFPA	Health Hazards: 2	Flammability: 1	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 2	Flammability: 2	Physical hazards: 0	Personal protection: B

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.