




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2609	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ASSAULT RTU	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Ready-To-Use, 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 Serious Eye Damage / Eye Irritation, Category 1	SIGNAL WORD: WARNING	SYMBOL:	
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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.

PRECAUTIONARY STATEMENT:

Prevention:

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

Response:

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

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

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

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Get medical advice/attention if you feel unwell.

Storage: Store locked up.

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

3. Composition / Information on Ingredients

CHEMICAL NAME	Wt.%	CAS
2- Butoxyethanol	<5	111-76-2
Potassium Hydroxide	<5	1310-58-3

4. First Aid Measures

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

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

INGESTION:

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

INHALATION:

Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

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.

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 known.

SENSITIVITY TO IMPACT:

None known.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposition products may include the following materials: carbon dioxide, carbon monoxide.

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, 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).

7. Handling and Storage

HANDLING:

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. 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)

CHEMICAL NAME		EXPOSURE LIMITS					
		OSHA PEL		ACGIH LTV		SUPPLIER OEL	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
2- Butoxyethanol	TWA	50	240	20	97	NL	NL
	STEL					NL	NL

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.

PERSONAL PROTECTIVE EQUIPMENT



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.

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.

RESPIRATORY: 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.

9. Physical & Chemical Properties

PHYSICAL STATE: Liquid.

ODOR: Fragranced.

ODOR THRESHOLD: No data available.

APPEARANCE: Colored liquid.

pH: 12.0 to 13.0

FLASH POINT AND METHOD: > (215°F) Closed cup.

AUTO-IGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: Completely soluble.

EVAPORATION RATE: No data available.

SPECIFIC GRAVITY: 1.045 to 1.055

VISCOSITY: No data available.

(VOC): Product meets California Air Resources Board (CARB) standards for Volatile Organic Compounds.

BOILING POINT: (215°F) to (356°F)

MELTING POINT: No data available.

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.

INCOMPATIBLE MATERIALS:

Reactive or incompatible with the following materials: Acids.

11. Toxicological Information**EYE EFFECTS:**

Causes serious eye irritation.

SKIN EFFECTS:

May cause allergic skin reaction.

CHRONIC:

No data available.

SUB-CHRONIC:

No data available.

REPEATED DOSE EFFECTS:

No data available.

IRRITATION:

No data available.

CORROSIVITY:

No data available.

SENSITIZATION:

No data available.

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**ENVIRONMENTAL DATA:**

This material has not been tested for acute environmental effects.

ECOTOXICOLOGICAL INFORMATION:

No known significant effects or critical hazards.

AQUATIC TOXICITY (ACUTE):

No data available.

DISTRIBUTION:

No data available.

CHEMICAL FATE INFORMATION:

No data available.

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 LIQUID N.O.S.

TECHNICAL NAME: (CONTAINS: CAUSTIC POTASH)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1760

PACKING GROUP: III

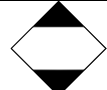
LABEL: Corrosive

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 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:**

CORROSIVE



LTD QTY

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
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: 1	Physical hazards: 0	Personal protection:

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.