



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
Serious Eye Damage/Eye Irritation: Category 1

SIGNAL WORD:
DANGER

SYMBOL:



HAZARD STATEMENTS:

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.

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 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

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	Concentration % by Weight
2-Butoxyethanol	111-76-2	<10
Sodium Metasilicate	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 if irritation persists.

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 with water. Do not induce vomiting. Drink plenty of water. Get medical attention 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

SUITABLE EXTINGUISHING MEDIA:

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

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

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

SPECIFIC FIRE-FIGHTING METHODS:

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.

EXPLOSION HAZARDS:

None.

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.

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

MATERIALS AND METHODS FOR CLEANUP:

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. Dispose of via a licensed waste disposal contractor. Contaminated adsorbent material may pose the same hazard as the spilled product.

PERSONAL PRECAUTIONS:

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). No action should be taken involving any 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.

ENVIRONMENTAL PRECAUTIONS:

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

7. Handling and Storage

SAFE 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.

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

EXPOSURE GUIDELINES

		OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS					
CHEMICAL NAME		OSHA PEL		ACGIH TLV		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

APPROPRIATE ENGINEERING CONTROLS:

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

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, mist or dust. 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.

9. Physical & Chemical Properties			
Appearance:	Colored liquid	Thermal Decomposition:	Not available.
Physical State:	Liquid	Specific Gravity:	1.07 to 1.08
Odor:	Fragranced	Auto-Ignition Temp:	Not available.
Flash Point:	> (200°F)	Vapor Density:	Not available.
pH:	12.5 to 13.5	Vapor Pressure:	Not available.
Freezing Point:	> (32°F)	Melting Point:	Not available.
Boiling Point/Range:	(212°F) to (340°F)	Solubility (water):	Complete

10. Stability & Reactivity Information	
STABLE:	Yes
HAZARDOUS POLYMERIZATION:	No
CHEMICAL STABILITY:	Stable under recommended storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Under normal conditions of storage and use, hazardous reactions will not occur.
CONDITIONS TO AVOID:	Aluminum, copper, zinc and strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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:	The environmental impact of this product has not been fully investigated.
ECOTOXICOLOGICAL INFORMATION:	None known.
BIOACCUMULATIVE POTENTIAL:	No evidence to suggest bio-accumulation will occur.
DISTRIBUTION:	Not available.
CHEMICAL FATE INFORMATION:	Not available.

13. Disposal Consideration	
DISPOSAL INSTRUCTIONS:	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 reuse empty containers.

14. Transportation Information	
DOT:	UN Number: UN1760
	UN Proper Shipping Name: Corrosive Liquid, N.O.S.
	Technical Name: (Contains: Caustic Potash)
	Class: 8
	Label(s): Corrosive
	Packing Group: III
	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 Gallons) 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

US FEDERAL REGULATIONS:

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Hazard categories:

Immediate Hazard – Yes.
Delayed Hazard – No.
Fire Hazard – No.
Pressure Hazard – No.
Reactivity Hazard – 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
Sodium Metasilicate	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.