



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2219	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	X-TRON	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Concentrated Heavy-Duty Cleaner & 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 1B	SIGNAL WORD: DANGER	SYMBOL:	
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HAZARD STATEMENTS:

Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS:

Prevention: Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. 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: Remove person to fresh air and keep comfortable for breathing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

No data available.

INGREDIENTS OF UNKNOWN TOXICITY:

0%

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT
Poly (oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	4
Triphosphoric acid, pentasodium salt	7758-29-4	0.5
Butoxyethanol	111-76-2	2.5
Potassium hydroxide	1310-58-3	2

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

SKIN: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION:

If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

INGESTION:

If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

N/A

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

LARGE SPILLS:

Stop leak at source and collect into suitable container, then treat as a small spill.

SMALL SPILLS:

Absorb with an inert solid and scoop up for disposal, then rinse soiled area with water.

7. Handling and Storage

SAFE HANDLING:

Store in a cool place in original container and protect from sunlight. Keep container closed when not in use. Keep away from heat and flame.


SAFE STORAGE & INCOMPATIBILITIES:
Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Follow all SDS/label precautions even after container is emptied because they may retain product residues.

8. Exposure Controls / Personal Protection

OCCUPATIONAL EXPOSURE LIMITS:

Components	ACGIH TLV	OSHA PEL	STEL
Triphosphoric acid, pentasodium salt	N/A	N/A	N/A
Potassium hydroxide	0	N/A	N/A
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	N/A	N/A	N/A
2-Butoxyethanol	25 ppm	N/A	N/A

PERSONAL PROTECTIVE EQUIPMENT:



EYE/FACE PROTECTION: Safety glasses or goggles.
SKIN PROTECTION: Nitrile or polyethylene gloves and aprons. Do not use cotton.
RESPIRATORY PROTECTION: Not available.

ENGINEERING CONTROLS:
Positive down-draft exhaust ventilation should be provided to maintain vapor concentration below TLV.

9. Physical & Chemical Properties

Appearance:		Flammability(solid/gas):	Not available.
Physical State:	Liquid.	Density lbs/gal:	Not available.
Color:	Yellow/clear.	Pounds per Cubic Foot:	Not available.
Odor:	Lemon.	Explosive Limit-Lower (%):	Not available.
Odor Threshold:	Unknown.	Explosive Limit-Upper (%):	Not available.
pH:	12.5-13.5	Vapor Density:	Unknown.
Melting Point:	Not available.	Vapor Pressure:	Unknown.
Boiling Point:	212°F	Boiling Range:	Not available.
Viscosity:	Not available.	Solubility (water):	Complete.
Flash Point:	Not available.	Auto-Ignition Temperature:	Not available.
Specific Gravity:	1.01	Decomposition Temperature:	Not available.
Evaporation Rate:	Not available.	Partition Coeff (n-octanol/water):	Not available.
Flash Point METHOD:	Not available.	VOC%:	Not available.

10. Stability & Reactivity Information

CHEMICAL STABILITY:
Stable.

HAZARDOUS POLYMERIZATION:
Will not occur.

INCOMPATIBLE MATERIALS:
None.

CONDITIONS TO AVOID:
Temperature extremes.

HAZARDOUS DECOMPOSITION:
Will not occur.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:
Skin contact /absorption and inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:
Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation to nose, throat, and respiratory tract.

TARGET ORGAN EFFECTS:
Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals and may aggravate pre-existing disorders or these organs in humans: chronic ingestion may cause kidney and liver lesions at high doses.

IMMEDIATE HEALTH EFFECTS:
EYES: Corrosive. Exposure will cause noticeable pain, and severe irritation and transient corneal injury.
SKIN: Corrosive. Causes chemical burns. Harmful contact may not cause immediate pain. Ethylene glycol monobutyl ether and 2-aminoethanol may be absorbed through the skin.
INHALATION: Exposure to vapor or mist is possible. Short-term inhalation is not likely to cause harmful effects: breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.
INGESTION: Harmful or fatal if swallowed. Causes chemical burns to the mouth, throat and stomach.

REPRODUCTIVE TOXICITY:
No data.

CARCINOGENICITY:
This material is not listed as a carcinogen by IARC, NTP, or OSHA.

LONG TERM EFFECTS:
No data.

12. Ecological Information

No data available.

13. Disposal Consideration

For proper disposal of waste, refer to federal and state regulations.

14. Transportation Information

UN NUMBER:

1814

UN PROPER SHIPPING NAME:

Potassium hydroxide solution

DOT CLASSIFICATION:

8-Corrosive

PACKING GROUP:

II

15. Regulatory Information

US FEDERAL REGULATIONS:

TSCA (Toxic Substance Control Act) Status: The intentional ingredients of this product are listed.

CERCLA RQ – 40 CFR 355 Appendix A: None.

SARA 302 Components 40 CFR Appendix A: None.

SARA 311/312 Class 40 CFR 370.2

Immediate (X) Delayed (X) Fire () Reactivity () Sudden Release of Pressure ()

SARA 313 Components 40 CFR 372.65): Not regulated.

US STATE REGULATIONS:

California Proposition 65: None.

California SCAQMD Rule 443.1 VOC's: < 100g/L

North Carolina Administrative Code 2D.1104 and 2B.0610: None.

South Carolina Regulation 62.5 Standard Number 8: None.

16. Other Information

DISCLAIMER:

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