




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2210	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	FUTRON	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Heavy-Duty Concentrated 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 1C	SIGNAL WORD: DANGER	SYMBOL:	
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HAZARD STATEMENTS:

Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS:

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.

Prevention:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

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

Storage: Store locked up.

Disposal: N/A

INGREDIENTS OF UNKNOWN TOXICITY:

0%

HAZARDS NOT OTHERWISE SPECIFIED:

No data available.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Potassium hydroxide	1310-58-3	1 %
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	9016-45-9	1.5 %
Sodium Metasilicate	6634-92-0	1.5 %

Occupational exposure limits, if available, are listed in Section 8.

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

SPECIFIC FIRE-FIGHTING INSTRUCTIONS AND 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

STORAGE:

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.

HANDLING:

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

CHEMICAL NAME/INGREDIENT NAME	ACGIH TLV	OSHA PEL	STEL
Potassium hydroxide	0	N/A	N/A
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-	N/A	N/A	N/A
Sodium Metasilicate	10 mg/m3 TWA	N/A	N/A

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Safety glasses or goggles.

SKIN PROTECTION: Nitrile or polyethylene gloves and aprons. Do not use cotton.

RESPIRATORY: Not available.

ENGINEERING CONTROLS:

Positive downdraft exhaust ventilation should be provided to maintain vapor concentration below TLV.

9. Physical & Chemical Properties

Appearance:		Flammability:	Not available.
Physical State:	Liquid.	Flammability Limit-lower (%):	Not available.
Color:	Green/clear.	Flammability Limit-upper (%):	Not available.
Odor:	Bland.	Evaporation Rate:	Not available.
Odor Threshold:	Unknown.	Boiling Range:	Not available.
FP METHOD:	Not available.	Vapor Pressure:	Unknown.
pH:	12.0-13.0	Vapor Density:	Unknown.
Melting Point:	Not available.	Density lbs/gal:	Not available.
Flash Point:	Not available.	Solubility (water):	Complete.
Partition Coefficient (n-octanol/water):	Not available.	Auto-Ignition Temp:	Not available.
Viscosity:	Not available.	Decomposition Temp:	Not available.
Specific Gravity:	1.01	Boiling Point:	212°F
Pounds Per Cubic Foot:	Not available.	VOC %:	Not available.

10. Stability & Reactivity Information

CHEMICAL STABILITY:

Stable.

INCOMPATIBLE MATERIALS:

None.

CONDITIONS TO AVOID:

Temperature extremes.

HAZARDOUS DECOMPOSITION PRODUCTS:

Will not occur.

HAZARDOUS POLYMERIZATION:

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:

None expected.

IMMEDIATE ACUTE/POTENTIAL 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 / DEVELOPMENTAL INFORMATION

No data.

CARCINOGENIC INFORMATION:

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

DOT: **UN NUMBER:** UN1760
UN PROPER SHIPPING NAME: Potassium hydroxide
TRANSPORT HAZARD CLASS(ES)
Class: 8 - Corrosive
PACKING GROUP: II

15. Regulatory Information**US FEDERAL REGULATIONS:****TSCA (Toxic Substances Control Act) Status:** TSCA (United States): The intentional ingredients of this product are listed.**CERCLA RQ - 40 CFR 355 Appendix A:** None.**SARA 302 Components 40 CFR Appendix A:** None.**Section 311/312 Hazard Class 40 CFR 370.2**

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

SARA 313 Components - 40 CFR 372.65: * Listed in Section 2 as Diethylene Glycol Monomethyl Ether**STATE & LOCAL 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****N/A = Not Applicable; N/D = Not Determined****DISCLAIMER:**

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