

SAFETY DATA SHEET

Print Date: 1/23/2024

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1. IDENTIFICATION

Product Name	PowerPro Chemical Stripper
Product Type	Liquid Stripper
Product #	PPCS
Supplier	Columbia Coatings 1173 Industrial Park Rd, Columbia, TN 38401
Contact	Columbia Coatings: (931) 388-7730 Phone (931) 388-5573 Fax EMERGENCY CONTACT: CHEMTREC: 800-424-9300

2. HAZARD IDENTIFICATION

*Information pertaining to particular danger for man and environment. <i>-Harmful by inhalation and/or if swallowed.</i>	
*Classification System <i>-Classification was made according to the latest editions of international substances lists, and expanded upon from company literature data.</i> Flammable liquid (Category 4) Skin Corrosion (Category 1A, B, C) Serious Eye Damage/Eye Irritation (Category 1) Acute Toxicity, Inhalation (Category 3) Special Target Organ Toxicity, Single Exposure, Respiratory (Category 3) Reproductive Toxicity (Category 1A. 1B) Special Target Organ Toxicity, Repeated Exposure (Category 2) Hazard Statement: Combustible liquid. Causes severe burns and eye damage. Causes serious eye damage. Toxic if inhaled. May cause respiratory irritation. May damage fertility or the unborn child. Suspected of causing genetic defects. Causes damage to organs through prolonged or repeated exposure.	

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from hot surfaces, sparks, open flames, and other sources of ignition. No smoking. Do not breathe spray/vapors/mist/dust/fume/gas. Avoid breathing spray/vapors/mist/dust/fume/gas. Wash hands and exposed body parts thoroughly after handling. Use only in a well-ventilated area or outdoors. Wear protective gloves, protective clothing, eye protection, and face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Remove/Take off all contaminated clothing immediately. Rinse skin with water or shower. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. IF IN EYS: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing. IF exposed or concerned: seek medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Seek medical advice/attention if you feel unwell. Wash contaminated clothing before reuse. In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam to extinguish. Store in a well ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to an approved waste disposal facility.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	Case#	TWA-OSHA	STEL-OSHA	TWA-ACGIH	STEL-ACGIH	CONCENTRATE %
N-Methyl-2-Pyrrolidinone	872-50-4	n/a	n/a	n/a	n/a	70-90
Ethanol, 2-(2-Aminoethoxy)	929-06-6	n/a	n/a	n/a	n/a	10-30

4. FIRST AID MEASURES

***General Advice**

-Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

***If Inhaled**

-Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

***In Case of Skin Contact**

-Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a medical physician. Take off all contaminated clothing immediately.

***In Case of Eye Contact**

- Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove contact lenses. Continue to rinse for 15 minutes. Seek immediate medical attention.

***If Swallowed**

-Do no induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. If vomiting occurs, keep head below hips to prevent aspiration into the lungs.

5. FIRE FIGHTING MEASURES

***Extinguishing Media**

-Water fog, foam, CO2, dry chemical.

***Special Hazards**

-The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases that are hazardous to health may be formed.

***Advice For Fire-Fighters**

-Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling, taking care not to spread flames with water used for cooling,

***Further Information**

-No data available

6. ACCIDENTAL RELEASE MEASURES

***Personal precautions, protective equipment, and emergency procedures**

-Keep all sources of ignition and hot metal surfaces away from spill or release. Wear the required PPE. Ensure adequate ventilation and evacuate personnel to safe area if necessary.

***Environmental Precautions**

-Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers, or waterways. Notify proper authorities.

***Methods and Materials for Cleaning and Collecting**

-For large spills: Contain spilled material if possible. Pump into suitable a properly labeled containers. For small spills: Absorb with materials such as: Sand, Vermiculite. Collect in suitable and properly labeled containers. Using non-sparking tools and explosion proof equipment, collect spill and absorbent material and put into approved container.

7. HANDLING AND STORAGE

***Information For Safe Handling**

-Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. NFPA Class III B storage. Wash thoroughly after handling. Vent container carefully before opening. Bond and ground all equipment when transferring from one vessel to another. The use of explosion proof equipment is recommended. Keep away from sparks and open flame. "Empty" containers retain product residue (liquid and/or vapor) that can be dangerous. Do NOT pressurize, cut, weld, braze, solder, drill, grind or expose such containers to flame, sparks, static electricity, or other sources of ignition due to explosion or fire hazard. Keep containers tightly closed when not in use.

***Information For Safe Storage**

- Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Hazardous Components	Case#	TWA-OSHA	STEL-OSHA	TWA-ACGIH	STEL-ACGIH	CONCENTRATE %
N-Methyl-2-Pyrrolidinone	872-50-4	n/a	n/a	n/a	n/a	70-90
Ethanol, 2-(2-Aminoethoxy)	929-06-6	n/a	n/a	n/a	n/a	10-30
*Engineering Control <i>-Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.</i>						
*Eye/Face Protection <i>-Goggles, face-shield, or approved OSHA device with side shields; do not wear contact lenses when handling this product.</i>						
*Skin Protection <i>- Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashes occur.</i>						
*Respiratory Protection <i>-Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.</i>						
*Monitoring <i>-Wash hands prior to eating, drinking, or using the restroom. Have eye wash stations and safety showers readily available. Any clothes or shoes which become contaminated with the product should be removed immediately and thoroughly laundered before wearing again. Follow accepted work practices fir handling a corrosive material. Do not eat, drink, or smoke in areas where this product is being used or stored.</i>						

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical & Chemical Properties	
Appearance:	Clear, Colorless to Light Straw Liquid
Odor:	Mild Amine-Like Odor
Odor Threshold:	n/a
pH@25°C:	<12 @ 5% in Water
Melting/Freezing Point:	n/a
Specific Gravity:	1.0263
VOC Content:	99.8% Min.
Boiling Range:	421°F (216°C)
Flash Point:	197.6°F (92°C), TCC
Evaporation Rate:	n/a
Flammable Limits:	1.6-10% (estimated)
Vapor Pressure:	0.23 mmHg at 68°F (20°C) estimated
Vapor Density:	3.4 - (Air = 1.0) estimated
Relative Density:	1.32 g/cm ³
Solubility:	Miscible
Auto Ignition Temperature:	n/a
Decomposition Temperature:	n/a
Viscosity:	n/a

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10. STABILITY AND REACTIVITY

*Reactivity <i>-No data available</i>
*Chemical Stability <i>-Stable. under recommended storage conditions and handling.</i>
*Possibility of Hazardous Reactions <i>-No data available</i>
*Conditions to Avoid <i>-Contact with incompatible materials, Extreme heat and ignition sources.</i>
*Incompatible Materials <i>-Strong Oxidizers and strong reducing agents. Alkaline metals. Peroxides, Phenols.</i>
*Hazardous Decomposition Products <i>-Thermal decomposition may yield oxides of carbon.</i>

11. TOXICOLOGICAL INFORMATION

Likely Route of Exposure:	Contact and inhalation; ingestion possible.
Inhalation:	Toxic if inhaled. May cause respiratory irritation.
Eye Contact:	Causes serious eye damage.
Skin Contact:	Causes severe skin burns.
Ingestion:	Causes digestive tract burns.
Acute Toxicity Value:	See Health Hazards below.
Chronic (Long Term) Effects:	See Health Hazards below.

Toxicity:

Component Name	LD50	LC50
N-Methyl-2-Pyrrolidinone	Oral – Rat – 3,914 mg/kg; Dermal – Rabbit – 8,000 mg/kg	Inhalation – Rat – 4 h - > 5100 pmm
Ethanol, 2-(2-Aminoethoxy)	Oral – Rat – 3,400 mg/kg;	Leuciscus idus (Golden orfe) – 460 mg/l – 96 h

Reproductive Effects:	May damage fertility or the unborn child.
Teratogenicity:	n/a
Mutagenicity:	n/a
Embryotoxicity:	n/a
Sensitization to Product:	n/a
Synergistic Products:	n/a
Carcinogenicity:	Not listed as a Carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	n/a
Mobility:	n/a
Degradability:	n/a
BioAccumulation:	n/a

13. WASTE DISPOSAL

-Follow Federal, State, and Local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING INFORMATION:

Proper Shipping Name:	Corrosive Liquid, Basic, Organic, N.O.S.
Contains:	2-(2-Aminoethoxy) ethanol
Hazard Class and Label:	8
Identification Number:	UN3267
Packaging Group:	III

15. REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory.

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in the material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARDOUS CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	X	X		

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in the material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in the material are subject to the reporting requirements.

CALIFORNIA PROPOSITION 65:

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

16. OTHER INFORMATION

HMIS Health: 3

HMIS Flammability: ... 2

HMIS Reactivity: 0