

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Professional Coatings, Inc.,
100 Commerce Park Dr. Cabot, AR 72023

Telephone (501) 843-7509 **Fax** (501) 843-9261

Product Names Procoat Clean and Etch

Recommended Use Cleaning preparation / etchant

Restrictions on Use Industrial/Commercial use only

Emergency Contact / Number Chemtrec / (800) 424-9300 (US and Canada) / (703) 527- 3887 (outside US and Canada)

SECTION 2: HAZARD IDENTIFICATION

Hazards

Skin corrosion/irritation Category 2 – Causes skin irritation
 Eye damage/irritation Category 1 – Causes serious eye damage
 Acute toxicity (oral) Category 4 – Harmful if swallowed



Signal Word DANGER

Precautionary Statements

Prevention

Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves and clothing, eye and face protection. Wear protective gloves.

Response

IF SWALLOWED: Call a POISON CENTER doctor or physician if you feel unwell. IF ON SKIN: Wash with plenty of water and mild soap if available. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing. Immediately call a POISON CENTER, doctor or physician. Rinse mouth. If skin irritation occurs: get medical advice or attention. Take off contaminated clothing and wash before reuse.

Storage and Disposal

Dispose of contents and container to approved recycling or waste disposal site

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Mineral acid salt of organic amide	Mixture	50 – 100
Non-hazardous ingredients	Mixture	Balance

SECTION 4: FIRST AID MEASURES

General: Observe ingestion victim for a few hours; symptoms of poisoning may be delayed for up to 48 hours.

Eye Contact: Flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. Contact medical personnel immediately for recommendations and possible attention.

Skin Contact: Wash affected area with water and mild soap if available followed by water rinse. Remove any contaminated clothing and wash before reuse.

Ingestion: Obtain medical attention. Never give anything by mouth to an unconscious person. Rinse mouth and then drink plenty of water. Follow medical advice on vomiting. Keep head below hips to prevent aspiration into the lungs if vomiting occurs.

Inhalation: Remove to fresh air and seek medical attention.

Most Important Symptoms / Effects

May cause reversible skin and respiratory irritation. May cause eye damage. See Sec 11.

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Eye, ingestion, gastrointestinal or respiratory distress, ongoing skin irritation or rash. See Sec. 11.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media

Water spray, CO₂ or extinguishing powder or foam.

Specific Hazards Arising from the Chemical

May produce toxic fumes, gases, and vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.

Specific Protective Equipment and Precautions for Fire-Fighters

Firefighters should wear full protective equipment and self-contained breathing apparatus (SCBA). Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved SCBA. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Closed containers may explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. Ensure adequate ventilation. See Section 7 for handling information and Section 8 for personal protection gear.

Environmental Precautions

Contain spill if it can be done with minimal risk. Prevent undiluted liquid from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

Methods for Cleaning Up

Do not discharge undiluted material to the environment. Transfer to labeled, sealable containers for product recovery or safe disposal. Small spills can be handled using absorbent material. Larger spills should be diked to prevent runoff to the environment or sewer.

SECTION 7: HANDLING AND STORAGE

Handling and Storage

Use good ventilation and follow all procedures and precautions for handling a possible irritant. Store only in original or compatible, clearly labeled container. Reseal lid on container after use. Wear protective equipment as shown in Sec. 8 in the event of aerosols or mists. Water rinse empty containers before discarding.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name

ACGIH

OSHA

Not applicable. Does not contain materials with exposure limits.

Engineering Controls

Use appropriate ventilation to maintain low airborne concentration levels. Have eye wash stations and safety showers readily available.

Eye and Face Protection

Wear safety glasses or chemical safety goggles; use face shield if splashing is possible e.g. when pouring or working with large amounts.

Skin Protection

Wear protective gloves to avoid repeated or prolonged contact.

Respiratory Protection

Maintain good ventilation or air flow. Use a respirator in areas where the exposure is unknown.

General Hygiene

Follow accepted work practices for handling an irritant material. Do not eat, drink or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating. Wash contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Liquid	Flash Point (PMCC)	>200 °F
Specific Gravity (Water=1)	1.20	Upper Flammability Limits	Not Determined
Evaporation Rate (ether = 1)	<1	Lower Flammability Limits	Not Determined
pH	<1	Auto-ignition Temperature	Not Determined
Solubility in Water	Complete	Decomposition Temperature	Not Determined
Odor	Characteristic	Vapor Pressure	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	>1
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	>212 °F, 100 °C	Viscosity (mPas, 20 °C)	Not Determined
Initial Boiling Point	212 °F, 100 °C	Critical Temperature	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive at normal storage and use conditions

Chemical Stability: Stable at normal storage and use conditions

Possibility of Hazardous Reactions: Will not occur under normal conditions

Conditions to Avoid: Extremely high or low temperatures

Incompatible Materials: None known

Hazardous Decomposition Products: None known

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects

Likely routes of exposure are skin and eye contact. Eye contact may cause severe irritation or damage. Skin may be irritated by contact. Inhalation can cause respiratory irritation. Ingestion can cause gastro-intestinal distress and be harmful.

Chronic Toxicity Effects

Long term or repeated exposure may aggravate any acute symptoms.

Carcinogenicity

IARC, NTP, and OSHA have not identified any carcinogenic ingredients.

SECTION 12: ECOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. Based on its ingredients the product is slightly hazardous to water and aquatic life. Undiluted product or large amounts of material will lower the pH which is harmful to aquatic organisms. Do not allow concentrated material or large amounts of diluted material to reach ground water, water course or sewage system. The product pH is raised by dilution or use and is only slightly dangerous when emptied into drains.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state/province, and federal environmental regulations. Avoid release of concentrated material to the environment. Do not dispose with household waste. The product pH is raised by dilution or use and is only slightly dangerous when emptied into drains. Water rinse empty containers before discarding.

SECTION 14: TRANSPORT INFORMATION

DOT Information Not Regulated (non-bulk); Corrosive to aluminum (bulk, exempt per 49CFR 173.154 (d)(1))
ADR, IMDG, IATA UN3265 Corrosive liquid, acidic, organic n.o.s. (urea hydrochloride), Class 8, PG III, Not a marine pollutant

SECTION 15: REGULATORY INFORMATION

TSCA Status All components are listed in the TSCA inventory
SARA 311/312 Reporting Categories Acute hazard
SARA 313 Reportable Ingredients None at levels above reporting limits

SECTION 16: OTHER INFORMATION

HMIS 2-1-1 (health, flammability, reactivity)

NFPA 2-1-1 (health, flammability, reactivity)

Department Issuing SDS Health and Safety

Disclaimer

Important Notice to Purchaser. The information in this publication is based on tests that we believe are reliable. Your results may vary due to differences in test types and conditions. You must evaluate and determine whether the product is suitable for your intended application. **Professional Coatings, Inc.’s** exclusive warranty is as follows: If **Pro-Coat** products are proved defective, the user’s exclusive remedy will be, at **Pro-Coat’s** option, to replace the defective **Pro-Coat** product or to refund the purchase price for the defective quantity. Except for the replacement or refund remedies, **Pro-Coat** is not liable for direct damages or liable for indirect, incidental or consequential damages, regardless of the legal theory asserted, including negligence and strict liability.

ADDITIONAL COMMENTS

We recommend that containers be either professionally reconditioned for reuse by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. “EMPTY” drums should not be given to individuals. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.