





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2191	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ENVIRO CLEAN RTU	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Ready-To-Use Acid Replacement Cleaner	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Serious Eye Damage / Eye Irritation, Category 1 Aquatic Toxicity, Category 4 Corrosive to Metals, Category 1	SIGNAL WORD: DANGER	SYMBOL:		
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GHS LABEL: This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

HAZARD STATEMENT (S):

May be corrosive to metals.
Causes serious eye damage.
Harmful if swallowed.

PRECAUTIONARY STATEMENT:

PREVENTION: 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 to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Get medical advice/attention if you feel unwell.

Storage: Store locked up.

Disposal: Dispose of contents/container to an approved waste disposal plant.

3. Composition / Information on Ingredients

CHEMICAL NAME	Wt.%	CAS
Organic Acid Salt	<20	506-89-8

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION:

Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center.

INHALATION:

Move to fresh air in case of accidental inhalation of vapors or decomposition products. Get medical attention immediately if symptoms occur.

5. Fire-ighting Measures

FLAMMABLE CLASS:

Product does not burn.

GENERAL HAZARD:

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.

EXTINGUISHING MEDIA:

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

OTHER CONSIDERATIONS:

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

FIRE-FIGHTING EQUIPMENT:

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 Expected.

SENSITIVITY TO IMPACT:

None Expected.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.

6. Accidental Release Measures

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, watercourses, 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

RELEASE NOTES:

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

SPECIAL PROTECTIVE EQUIPMENT:

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).

7. Handling and Storage**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 reuse. Wash thoroughly after handling.

STORAGE:

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**ENGINEERING CONTROLS:**

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

PRIMARY ROUTES OF ENTRY:

Dermal contact. Eye contact. Inhalation. Ingestion.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: If splashes are likely to occur, wear: Tightly fitting safety goggles.

SKIN: 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: 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.

PROTECTIVE CLOTHING: Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

WORK HYGIENIC PRACTICES: 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

PHYSICAL STATE: Liquid.

ODOR: Fragranced.

APPEARANCE: Colored liquid.

PH: .5--1.5

PERCENT VOLATILE: No data available.

FLASH POINT AND METHOD: Not applicable.

FLAMMABLE LIMITS: 0--0

AUTO-IGNITION TEMPERATURE: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: Heavier than air.

POUR POINT: No data available.

THERMAL DECOMPOSITION: No data available.

SOLUBILITY IN WATER: Completely soluble.

EVAPORATION RATE: Slower than ether.

DENSITY: No data available.

SPECIFIC GRAVITY: 1--1.025

VISCOSITY: No data available.

(VOC): 30.000

10. Stability & Reactivity Information**STABLE:**

Yes.

HAZARDOUS POLYMERIZATION:

No.

STABILITY:

Stable under recommended storage conditions.

POLYMERIZATION:

Hazardous polymerization does not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition may yield oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.

INCOMPATIBLE MATERIALS:

Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic.

Contact with hypochlorites (e.g. chlorine bleach, sulfides, or cyanides) will liberate toxic gases. Contact with alkaline materials (e.g. aqua ammonia) will generate heat.

11. Toxicological Information**ACUTE:**

CHEMICAL NAME	ORAL LD ₅₀
Organic Acid Salt	1121
ORAL LD ₅₀ : 1120.9 mg/kg	

EYE EFFECTS: Contact may cause eye damage/irritation.
SKIN EFFECTS: Prolonged or repeated contact can causes skin irritation.
INGESTION: Harmful if swallowed.
INHALATION: Product can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized.

CHRONIC:

No data available.

CARCINOGENICITY

IARC: None.

NTP: None.

OSHA: None.

IRRITATION:

Irritant to eyes.

CORROSIVITY:

Corrosive to eyes.

SENSITIZATION:

No data available.

NEUROTOXICITY:

No data available.

GENETIC EFFECTS:

No data available.

REPRODUCTIVE EFFECTS:

No known significant effects or critical hazards.

TERATOGENIC EFFECTS:

No known significant effects or critical hazards.

CARCINOGENICITY:

No know significant effects or critical hazards.

MUTAGENICITY:

No know significant effects or critical hazards.

12. Ecological Information

ENVIRONMENTAL DATA:

This material has not been tested for acute environmental effects.

ECOTOXICOLOGICAL INFORMATION:

No data available.

BIOACCUMULATION/ACCUMULATION:

No data available.

DISTRIBUTION:

No data available.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 142 mg/L

48-HOUR EC₅₀: 71 mg/L

CHEMICAL FATE INFORMATION:

No data available.

13. Disposal Consideration

DISPOSAL METHOD:

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

EMPTY CONTAINER:

Do not reuse empty containers.

14. Transportation Information

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Not regulated for domestic ground transportation.

15. Regulatory Information

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: No data available.

313 REPORTABLE INGREDIENTS: No data available. Contact Env. Dept.

TITLE III NOTES: No data available.

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No data available

TSCA (TOXIC SUBSTANCE CONTROL ACT)

<u>CHEMICAL NAME</u>	<u>CAS</u>
Organic Acid Salt	506-89-8

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.