

Material Safety Data Sheet

Manufacturer:

PDQ MANUFACTURING, INC.
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Distributed by:

PROCLEAN SYSTEMS
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Product Name: **STAIN "A" (PC349)**

ID Code: **4180**

Prepared By: W. Drost, Jr.

Date: June 9, 2005

CHEMICAL FAMILY: Organic Acid

FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):

	%	Exposure Limits, ppm	
		ACGIH TLV	OSHA-PEL
Oxalic Acid (144-62-7)	100%	.27	

SARA TITLE III, SECTION 313 REPORTABLE INGREDIENTS (CAS#): None.

Carcinogenic Ingredients: Contains no known or suspected carcinogens.

PHYSICAL PROPERTIES:

Boiling Point: 212°F to 32°F.

Solubility in Water: 14%

Specific Gravity: Liquid (H₂O = 1): >=1.6530 @ 86°F

Appearance and Odor: White powder with no odor.

% Volatile: N/A.

Vapor Pressure: N/A

Vapor Density (Air = 1): N/A.

FIRE AND EXPLOSION DATA:

Flash Point: None.

Flammability Limits: N/A.

Extinguishing Media: Water, spray, CO₂, foam, dry chemical.

Special Fire Fighting Procedures: Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing. Water or foam may cause frothing. Use water to cool containers exposed to fire.

Unusual Hazards: Dust can be an explosion hazard. Prevent buildup of dust on walls, floors, and equipment. Toxic fumes may be released.

HEALTH EFFECTS:

Threshold Limit Value: Not determined for this product.

Primary routes of entry: Eye and skin contact.

Effects of overexposure:

Skin Contact: Skin contact can produce skin irritation or burns.

Ingestion: May cause irritation or burns. If swallowed, call a physician immediately. Do not induce vomiting unless instructed by a physician. See note in First Aid.

Eye Contact: Can produce burning and irritation.

Inhalation: Inhalation of mist or vapor can produce respiratory tract irritation.

Chronic effects of overexposure:

None known or expected.

Medical conditions that may be aggravated by exposure:

None known or expected.

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: In case of eye contact, immediately flush with clear water for at least 15 minutes lifting eye lids periodically. Get medical attention immediately.

Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

Ingestion: Do Not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call a physician immediately.

Inhalation: Remove victim to fresh air. If breathing does not return to normal within a few minutes, get medical attention.

REACTIVITY DATA:

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Inorganic bases bleaching agents (oxidizers).

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide. Miscellaneous organic compounds, some possibly toxic.

Conditions to Avoid: Avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid. Product reacts violently with many materials even at normal temperatures.

SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled: Stop spill at source. Floors may become slippery, avoid falls. For large spills, pump liquid into salvage tank. For smaller spills, absorb on sand, earth or other suitable absorbent. Disposal must be in accordance with local, state and federal regulations.

SPECIAL PROTECTION INFORMATION:

Ventilation: Adequate ventilations is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements.

Respiration Protection: None required under normal use.

Eye Protection: Wear goggles or face shield.

Protective Gloves: Wear impervious gloves.

Other Protective Equipment: Wear protective apron.

SPECIAL PRECAUTIONS:

Precautions to be taken in handling and storage: For industrial use only. When diluting, add acid to water, never water to acid. The container is hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed. Keep container closed when not in use. Store in a cool dry place. Do Not store below 32°F. Store away from electric arcs (switches), heated surfaces, sparks and flames.

KEEP OUT OF REACH OF CHILDREN.

Other precautions: None.

HAZARD RATING:

Health: 3

Fire: 0

Reactivity: 2

Specific Hazard: CORROSIVE

0 = Minimal

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

SHIPPING INFORMATION (DOT/UN Classification) 13

CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S., (CONTAINS OXALIC ACID), 8, UN3261, II

Disclaimer: The information contained in this Material Safety Data Sheet is provided pursuant to 29CFR 1910.1200 to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.