

RECLAIM ACID

1. Product and Company Identification

Product Code: 4180
Product Name: RECLAIM ACID
Revision: 06/05/2017
Supersedes Revision: 03/16/2015

Manufacturer Information: PDQ Manufacturing, Inc.
 201 Victory Circle
 Ellijay, GA 30540
Phone Number: (706)636-1848
Web site address: www.pdqonline.com

Emergency Contact: Chemtrec
 1-800-424-9300

Supplier Name and Address: _____

Phone Number: _____

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H302+312 - Harmful if swallowed or in contact with skin.
 H318 - Causes serious eye damage.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P280 - Wear protective gloves and eye protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or physician for treatment advice. Have product container or label with you when calling poison control center or physician.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P330 - Rinse mouth.
 P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P501 - Dispose of contents/container to trash after rinsing container.

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Potential Health Effects**(Acute and Chronic):**

Inhalation:	Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Skin Contact:	May cause skin irritation.
Eye Contact:	Severe eye irritant.
Ingestion:	Harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	90.0 -100.0 %

4. First Aid Measures**Emergency and First Aid****Procedures:**

In Case of Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
In Case of Skin Contact:	In case of contact, immediately wash skin with soap and copious amounts of water. If irritation develops, get medical aid.
In Case of Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.
In Case of Ingestion:	If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. Fire Fighting Measures

Flash Pt:	No data. Method Used: Estimate
Explosive Limits:	LEL: N/A UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Water spray.
Fire Fighting Instructions:	Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Flammable Properties and Hazards:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	PROCEDURE(S) OF PERSONAL PRECAUTION(S) Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Methods for cleaning up. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
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7. Handling and Storage

Precautions To Be Taken in Handling:	User Exposure: Do not breathe dust. Avoid contact with eyes, skin, and clothing.
Precautions To Be Taken in Storing:	Keep tightly closed.

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8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Respirator protection is not normally required.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Safety shower and eye bath.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States: [] Gas [] Liquid [X] Solid

Appearance and Odor: Colorless granular powder
No odor.

Melting Point: 104.00 C - 106.00 C

Boiling Point: No data.

Autoignition Pt: No data.

Flash Pt: No data. Method Used: Estimate

Explosive Limits: LEL: N/A UEL: No data.

Specific Gravity (Water = 1): No data.

Vapor Pressure (vs. Air or mm Hg): < 0.01 MM_HG

Vapor Density (vs. Air = 1): 4.4 g/l

Evaporation Rate: N/A

Solubility in Water: ~ 15%

Solubility Notes: Miscible with water.

Viscosity: N/A

Octanol/Water Partition Coefficient: - 0.810

pH: 1

Percent Volatile: No data.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: Bases, Avoid contact with metals. Acid chlorides, Chlorine Bleach.

Hazardous Decomposition or Byproducts: Carbon monoxide.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - No data available.

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Hazardous Reactions:

11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Empty container may be recycled or disposed of as solid sanitary waste. Do not reuse container. 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.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Corrosive solid, acidic, organic, n.o.s. (Ethanedioic acid, Dihydrate)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN3261

Packing Group: II



15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
6153-56-6	Ethanedioic acid, Dihydrate {Oxalic acid dihydrate}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No

16. Other Information

Revision Date: 06/05/2017

Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	3
FLAMMABILITY	0
REACTIVITY	2
PPE	B

HMIS:

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The information contained in this Safety Data Sheet is provided pursuant to current OSHA regulations 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

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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.