

DECARBONIZER

1. Product and Company Identification

Product Code: 4430
Product Name: DECARBONIZER
Revision: 04/20/2023

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 (800)424-9300 / 24 Hour
Leak, Spill, Fire, Exposure, Accident

Supplier Name and Address: _____

Phone Number: _____

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 1

Skin Corrosion/Irritation, Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H315 - Causes skin irritation.
H318 - Causes serious eye damage.

GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves and eye protection.

GHS Response Phrases: 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.
P321 - Specific treatment see section 4 on this SDS.
P332+313 - If skin irritation occurs, get medical advice/attention.
P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal Phrases: No phrases apply.

Potential Health Effects (Acute and Chronic):

Inhalation: Causes respiratory tract irritation. Harmful if inhaled.

Skin Contact: Causes skin irritation.

Eye Contact: Causes eye burns. May cause transient corneal injury. Lachrymator (substance which increases the flow of tears).

Ingestion: May cause irritation of the digestive tract. Harmful if swallowed.

DECARBONIZER

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	40.0 -60.0 %

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

In Case of Inhalation:	If breathed in, move person into fresh air.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes. Wash off with soap and plenty of water. If irritation develops, get medical aid.
In Case of Eye Contact:	Do NOT allow victim to rub eyes or keep eyes closed. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
In Case of Ingestion:	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

5. Fire Fighting Measures

Flash Pt:	No data.
Explosive Limits:	LEL: No data. UEL: No data.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. Substance is noncombustible.
Flammable Properties and Hazards:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Do not let this chemical enter the environment. Personal precautions. Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Environmental precautions. Do not let product enter drains. Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.
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7. Handling and Storage

Precautions To Be Taken in Handling:	Wash thoroughly after handling. Minimize dust generation and accumulation. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Do not ingest or inhale. Use with adequate ventilation. Discard contaminated shoes. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Normal measures for preventive fire protection.
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DECARBONIZER

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from strong acids.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	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 protective gloves to prevent skin exposure.		
Other Protective Clothing:		Wear appropriate protective clothing to prevent skin exposure.		
Engineering Controls (Ventilation etc.):		Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.		
Work/Hygienic/Maintenance Practices:		Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.		

9. Physical and Chemical Properties

Physical States:	[] Gas	[] Liquid	[X] Solid
Appearance and Odor:	Granular blue powder Fragrant odor.		
Melting Point:	No data.		
Boiling Point:	No data.		
Autoignition Pt:	No data.		
Flash Pt:	No data.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	No data.		
Density:	~ 60 LB/CF		
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	No data.		
Evaporation Rate:	No data.		
Solubility in Water:	~ 20%		
pH:	~ 12.0 @ 1%		
Percent Volatile:	No data.		

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	dust generation, Incompatible materials.
Incompatibility - Materials To Avoid:	Incompatible with alkalis, sol carbonates, gold and silver salts, lead acetate, lime water, potassium iodide, potassium and sodium tartrate, sodium borate, tannin, vegetable astringent infusions and decoctions. Acids, Strong acids. Metals. fluorine, Hydrogen peroxide, phosphorus pentoxide, 6-trinitrotoluene.
Hazardous Decomposition or Byproducts:	oxides of phosphorus, sodium oxide. Carbon monoxide, Carbon dioxide, formed under fire conditions.
Possibility of Hazardous	Will occur [] Will not occur [X]

SAFETY DATA SHEET

DECARBONIZER

Reactions:**Conditions To Avoid -** No data available.**Hazardous Reactions:**

11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

Persistence and Degradability: No data available.**Bioaccumulative Potential:** No data available.**Mobility in Soil:** No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):**DOT Proper Shipping Name:** Corrosive solid, basic, inorganic, n.o.s.**DOT Hazard Class:** 8 CORROSIVE**UN/NA Number:** UN3262**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)
10101-89-0	Sodium phosphate, Tribasic dodecahydrate	No	Yes 5000 LB	No

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

10101-89-0 Sodium phosphate, Tribasic dodecahydrate CAA HAP, ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No

DECARBONIZER

16. Other Information

Revision Date: 04/20/2023
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
REACTIVITY	1
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 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.