

SAFETY DATA SHEET**ERASE****1. Product and Company Identification**

Product Code: 4220
Product Name: ERASE
Revision: 04/24/2019
Supersedes Revision: 11/16/2018

Manufacturer Information:

Company Name: PDQ Manufacturing, Inc. **Phone Number:** (706)636-1848
 201 Victory Circle

Ellijay, GA 30540

Web site address: www.pdqonline.com

Emergency Contact: Chemtrec, Reference: CCN203605 (800)424-9300
Information: info@pdqonline.com (706)636-1848

Supplier Name and Address:

Company Name: _____ **Phone Number:** _____

2. Hazards Identification

Acute Toxicity: Inhalation, Category 3

Acute Toxicity: Oral, Category 3

Acute Toxicity: Skin, Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: H301+311 - Toxic if swallowed or in contact with skin.
 H331 - Toxic if inhaled.

GHS Precautionary Phrases: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P311 - Call a POISON CENTER or doctor/physician.
 P330 - Rinse mouth.
 P361 - Remove/Take off immediately all contaminated clothing.
 P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P405 - Store locked up.
 P501 - Dispose of contents/container in accordance with all national, state and local regulations.

SAFETY DATA SHEET**ERASE****Potential Health Effects****(Acute and Chronic):**

Inhalation:	Causes respiratory tract irritation.
Skin Contact:	Toxic if absorbed through skin. Causes skin irritation.
Eye Contact:	Causes eye irritation.
Ingestion:	May cause irritation of the digestive tract. Ingestion of large amounts may cause nausea and vomiting, rigidity or convulsions. Toxic if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
16893-85-9	Sodium fluorosilicate	65.0 -75.0 %

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

In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
In Case of Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In Case of Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. Fire Fighting Measures

Flash Pt:	NP	Method Used:	Estimate
Explosive Limits:	LEL: No data.	UEL:	No data.
Autoignition Pt:	NA		
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.		
Fire Fighting Instructions:	Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products. Wear self contained breathing apparatus for fire fighting if necessary.		
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 generating dusty conditions. Do not let this chemical enter the environment. Personal precautions. Wear respiratory protection. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas. Environmental precautions. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Methods for cleaning up. 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:	Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Precautions To Be Taken in Storing:	Store in a cool, dry place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
16893-85-9	Sodium fluorosilicate	No data.	No data.	No data.
Respiratory Equipment (Specify Type):	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.			
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. Safety glasses.			
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.			
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. Use adequate ventilation to keep airborne concentrations low.			
Work/Hygienic/Maintenance Practices:	Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.			

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [X] Solid	
Appearance and Odor:	White to off-white fine granular powder Mild odor.	
Melting Point:	801.00 C	
Boiling Point:	1461.00 C	
Autoignition Pt:	NA	
Flash Pt:	NP Method Used: Estimate	
Explosive Limits:	LEL: No data.	UEL: No data.
Specific Gravity (Water = 1):	No data.	
Density:	~ 70 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:	~ 25%	
pH:	~ 3.0 @ 1%	
Percent Volatile:	No data.	

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10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	High temperatures, Incompatible materials, dust generation.
Incompatibility - Materials To Avoid:	Metals. 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. bromine trifluoride, nitrogen compounds, Strong oxidizing agents.
Hazardous Decomposition or Byproducts:	Hydrogen chloride, sodium oxide. formed under fire conditions. Hydrogen fluoride, silicon oxides.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: No data available.
Sensitization: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
16893-85-9	Sodium fluorosilicate	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

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. Product.
 Observe all federal, state, and local environmental regulations. 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.

Contaminated packaging.
 Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:	Not regulated.		
DOT Hazard Class:	NA	None	
UN/NA Number:	None	Packing Group:	III

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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)
16893-85-9	Sodium fluorosilicate	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
16893-85-9	Sodium fluorosilicate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. Other Information

Revision Date: 04/24/2019
Preparer Name: Regulatory Affairs

Hazard Rating System:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PPE	B

HMIS:

Additional Information About This Product: No data available.

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.