LAUNDRY NEUTRALIZER

SDS

SAFETY DATA SHEET

Date prepared: May 19, 2025,

Revision: 1003
Supersedes:1002

1. Product and Company Identification

Company
CMA OF SACRAMENTO
9269 SURVEY ROAD
ELK GROVE, CA 95624

24 Hour Emergency Response Information
800-728-2482

PRODUCT NAME: LAUNDRY NEUTRALIZER
CHEMICAL NAME: INORGANIC FLUORINE COMPOUND
MANUFACTURED FOR: LAUNDRY SOUR

PRODUCT CODE: 10121

2. Hazards Identification

EMERGENCY OVERVIEW: DANGER! CORROSIVE! Can cause severe burns to eyes, skin and mucous membranes.

SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)

EYE CONTACT : May cause severe damage to eyes if not properly and immediately treated. Destructive to eye tissues.

INHALATION : May cause serious irritation to respiratory tract. A burning sensation in the nose, throat as well as coughing and choking may be noted. Continued deep inhalation may cause damage to lung tissues.

INGESTION : Can cause severe irritation and/or burns to mouth, throat, and gastrointestinal tract. Nausea, vomiting, diarrhea may also occur.

SKIN CONTACT : May cause immediate local reaction including redness, itching, irritation, followed by loss of surface layers of the skin. Prolonged contact will cause severe irritation to skin and mucous membrane, and possibly chronic dermatitis.



GHS SYMBOL:

3. Composition/ Information on Ingredients

MATERIAL (BASED ON 100% FORMULA LEVEL)	CAS#	% WEIGHT
FLUOROSILICIC ACID	16961-83-4	< 50%
AMMONIUM BIFLUORIDE	1341-49-7	<6%
OXALIC ACID	144-62-7	<1%

4. First Aid Measures

EYE CONTACT : Immediately flush eyes with lots of running water for 15 minutes, lifting the upper and lower eyelids to ensure flushing of the entire surface. Seek medical attention immediately.

INHALATION : Remove to fresh air. Get medical attention as soon as possible.

INGESTION : If swallowed, do not induce vomiting. Get medical attention immediately. If victim is fully conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person.

SKIN CONTACT : Wash skin with lots of soap and water. Remove contaminated clothing and shoes. Wash before reuse. If irritation occurs and persists, seek medical attention as needed.

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide maybe used.
UNUSUAL FIRE OR EXPLOSIVE HAZARD: Contact with aluminum to produce flammable/ explosive hydrogen-air mixture.

6. Accidental Release Measures

CLEAN-UP PROCEDURES: Wear protective equipment during clean-up operations. Only trained personnel should be involved. Dike the spill, pick up the bulk of liquid using pumps or absorb the liquid with sand or a commercial absorbent. Neutralize the acidity of the remaining liquid using soda ash and then flush the spill area with water.

RECOMMENDED WASTE DISPOSAL METHOD: Dispose of in accordance with all applicable Federal, State and Local regulations.

7. Handling and Storage

HYGIENIC PRCTICES IN HANDLING AND STORING: Wash thoroughly after handling. Avoid body contact.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: Store in original container at cool, dry, well ventilated areas. Avoid any contamination to food lines. Away from strong bases.

DISPOSAL OF EMPTY CONTAINER: Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

8. Exposure Controls / Personal Protection

RESPIRATORY PROTECTION : NIOSH approved respirator for organic vapor/ mists.
NIOSH- MSHA approved self- contained breathing apparatus is recommended if vapors level exceeds TLV.
EYE PROTECTION : Safety Goggles or Full face shield.
PROTECTIVE CLOTHING : Rubber gloves, Boots, Full length clothing.
VENTILATION : Local exhaust
OTHER PROTECTIVE MEASURES: Eyewash fountain and safety shower should be nearby and ready for use..

9. Physical and Chemical Properties

BOILING POINT: >200 ^{0}F
FREEZING/MELTING POINT: Unknown
VAPOR PRESSURE: (AIR=1): >1
EVAPORATION RATE (WATER =1): >1
PH CONCENTRATE: 2 *+/- 0.2*
SPECIFIC GRAVITY: 1.147 *+/-0.2*
DESCRIPTION: Colorless liquid

VOLATILE: 49 %
FLASH POINT: Non-combustible
VAPOR DENSITY: Unknown
SOLUBILITY IN WATER: Complete
VISCOSITY: Water- like

METHOD USED: Koehler *CC*

10. Stability and Reactivity

STABILITY: Stable
INCOMPATIBILITY (MATERIALS TO AVOID): React violently with strong alkalies. Contact with reactive metals such as aluminum to produce flammable/ explosive hydrogen air mixture.
POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Hot Storage.
HAZARDOUS DECOMPOSITION: Phosphorus oxides or toxic acid vapors may form when heated to decomposition.

11. Toxicological Information

ROUTES OF ENTRY: Absorbed through skin. Inhalation. Ingestion.

CARCINOGEN: There is no evidence this product poses a carcinogenic risk under normal conditions of handling or use.

ACUTE EYE IRRITATION: Unknown
ACUTE SKIN IRRITATION: Unknown
ACUTE DERMAL TOXICITY: Unknown
ACUTE RESPIRATORY IRRITATION: Unknown
ACUTE INHALATION TOXICITY: Unknown
ACUTE ORAL TOXICITY: Unknown
CHRONIC TOXICITY: Unknown

12. Ecological Information

ECO-TOXICOLOGICAL INFORMATION: Unknown
CHEMICAL FATE INFORMATION: Unknown

13. Disposal Considerations

Recommended Waste disposal method:
Dispose of in accordance with all applicable Federal, State and Local regulations. Ensure that applicable agencies receive proper notification of spills and disposal methods.

Container disposal:
Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

14. Transport Information

ID NUMBER: UN 1778
PROPER SHIPPING NAME: Fluorosilicic Acid Solution
HAZARD CLASS: 8
PACKING GROUP: II

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15. Regulatory Information

Federal Regulations: None Known

State Regulations: California Proposition 65- This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

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16. Other Information

THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.