

Section 1 - Identification

Product Name: **L. L. Neutral, Daco[®]** A liquid inorganic acid. Revised: 7/13/15

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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 1; Acute Toxicity-Dermal 3;
Acute Toxicity-Oral 4

Hazard statements: Causes severe skin burns and eye damage. Harmful if swallowed. Toxic in contact with skin.

Signal word: Danger

Pictogram: Corrosion; Exclamation; Skull & Crossbones



Precautionary statements

Prevention

Do not breathe dusts or mists.

Do not eat, drink or smoke when using this product.

Wear protective gloves such as latex or neoprene. Wear eye protection such as safety glasses with side shields.

Wash hands thoroughly after handling.

Response

IF SWALLOWED: Call a POISON CENTER if you feel unwell. Rinse mouth. Do not induce vomiting

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Call a POISON CENTER if you feel unwell. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

Storage: Store locked up.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.

Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	79%
Hexafluorosilicic acid	111-76-2	20%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

Skin Contact: Immediately flush skin with running water. Remove contaminated clothing and shoes. If irritation persists, call a physician. Wash clothing before reuse.

Inhalation: If affected, move exposed person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Any.

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: Contact with reactive metals will form hydrogen gas. Contact with bleach will form chlorine gas.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Small spills of 2 gallons or less may be wiped or mopped up. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Store separate from alkalis, oxidizers and reactive metals in a cool, well ventilated area. Remove leaking containers.

Do not mix this product with bleach or cleaners containing bleach because this could produce a dangerous gas (chlorine). If this product is only used with an automatic chemical feed system there should never be a hazard. However, if hooked up improperly, spilled or misused, gas could accidentally be produced.

Section 8 - Exposure Controls / Personal Protection

None of the ingredients have known exposure limits or they are below OSHA reportable levels.

Ventilation: Good room ventilation.

Respiratory Protection: None when used as directed.

Other Protective Equipment: When changing containers, handling open containers or cleaning up spills wear resistant gloves such as neoprene or latex, safety glasses with side shields or goggles, vinyl or rubber apron and impervious shoes (not tennis shoes). An eyewash station should be located within 10 seconds travel time.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A colorless liquid with pungent odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 0.5 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 1.23
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 220° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: Not Applicable	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 80%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: Alkalis, bleach, oxidizers, reactive metals. **Hazardous Decomposition Products:** None

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - causes severe irritation and damage, redness, tearing, blurred vision, may cause blindness.

Skin - causes severe irritation. Prolonged contact can cause permanent damage to skin.

Swallowing - causes gastrointestinal irritation and burns, nausea, vomiting, diarrhea.

Breathing - excessive inhalation of vapors can cause irritation.

Section 12 - Ecological Information

Do not dispose of in nature.

Section 13 - Disposal Considerations

Waste Disposal Method: Up to 2 gallons may be washed to sewer with a large amount of water. Larger amounts should be neutralized to within pH limits of your waste water system and then disposed of in sewer.

Section 14 - Transport Information

D.O.T. Hazard Class: FLUOROSILICIC ACID SOLUTION, 8, UN 1778, P.G. II

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA®: H:1 F:0 I:0 **HMIS® III:** H:2 F:0 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 4/28/15. Updated hazard statements and IF IN EYES.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.