

Section 1 - Identification

Product Name: **L.L. Soft, Daco[®]** An inorganic acid compound. Revised: 7/13/15

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Section 2 - Hazards Identification

Hazard categories: Skin Corrosion/Irritation 23; Eye Corrosion/Irritation 2B; Skin sensitization 1
 Hazard statements: Causes skin irritation.
 Causes eye irritation.
 May cause an allergic skin reaction.

Signal word: Warning
 Pictogram: Exclamation

Precautionary statements
Prevention

Wash hands thoroughly after handling.
 Wear protective gloves such as latex.
 Wear eye protection such as safety glasses with side shields.
 Avoid breathing vapors. Contaminated work clothing should not be allowed out of the workplace.

Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical attention.

Storage: None.

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	87%
N,N-Di(2-tallowamidoethyl)-N-(2-hydroxyethyl)-N-methyl ammonium methyl sulfate	68153-35-5	9%
Propylene Glycol	57-55-6	2%
Isopropyl alcohol	67-63-0	1%

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: Rinse with running water. If irritation develops and persists, get medical attention.

Inhalation: Move affected 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. Treat for shock by keeping person warm and quiet. 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.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Clean up small spills with a rag or mop. Wash the area with an alkaline detergent or a 50% solution of baking soda. Spills of 4 gallons or less can be washed to a sanitary sewer with plenty of water. 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. Observe all precautions given in this data sheet and on label. Keep container closed. Store in a cool, well ventilated area. Remove leaking containers.

If this product contacts bleach or a cleaner containing bleach, it could produce a dangerous gas (chlorine). If your facility uses bleach, or a cleaner containing bleach, look at the MSDS on the bleach product now, to learn what to

do if chlorine is accidentally produced. Your facility should decide upon the appropriate emergency action plan for accidental release of chlorine as a part of your emergency preparedness plan.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Isopropyl alcohol	67-63-0	1%	400 ppm(1,2,4), 200 ppm(3)	500 ppm(2,4), 400 ppm(3)	-

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: Good room ventilation.

Respiratory Protection: None when used as directed.

Protective Gloves: Wear rubber or latex gloves.

Eye Protection: Wear safety glasses with side shields.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A blue liquid with a floral odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 6.0 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 1.0
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 210° 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: > 1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 90%
Upper Explosive Limit: None	V.O.C.: 0.3% - 30 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 irritation.

Skin - causes irritation and redness. Brief contact has little or no effect when rinsed off promptly.

Swallowing - may cause irritation to mucous membranes.

Breathing - none when used as directed.

Section 12 - Ecological Information

Do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 4 gallons of concentrate in the sanitary sewer with a large amount of water. Some sewage departments may allow you to dispose of larger quantities without neutralizing. Call them for approval. Larger amounts may have to be neutralized to within the pH limits of your waste water treatment system before disposal. Call Damon Industries at 1-800-362-9850 if you need neutralizing instructions.

Section 14 - Transport Information

D.O.T. Hazard Class: UN 3264, Corrosive Liquid, Acidic, Inorganic, N.O.S. (Contains Phosphoric Acid), 8, P.G. III

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 5/18/15. Updated statement "mild skin irritation" to "skin irritation".

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.