

# MATERIAL SAFETY DATA SHEET

<b>Section 1 - Chemical Product &amp; Company Identification</b>	
<b>Identity (As Used on Label and List):</b> Dal-Pro #10 O.R.C <b>Product Class:</b> Organic Restroom Cleaner <b>Emergency Telephone Number:</b> 800-255-3924 <b>Telephone Number for Information:</b> 800-950-1975 <b>Distributed by:</b> Dalco 300 5 <sup>th</sup> Ave. NW New Brighton, MN 55112	
<b>Section 2 - Composition/Information On Ingredients</b>	
<b>Hazardous Components (Specific Chemical Identity):</b>	
<b>Chemical</b>	<b>Common Name(s)</b>
A	Organic Acid Salt CAS # (Proprietary) 5 - 10
B	Biodegradable Surfactant CAS # (Proprietary Mixture) 1 - 5
C	Lauramine Oxide CAS # 1643-20-5 1 - 5
D	Fragrance (Proprietary) < 0.5
E	Water CAS #7732-18-5 60 - 100
<b>Section 3 - Hazards Identification</b>	
<b>Emergency Overview</b>	
<b>Appearance and Odor:</b> Clear Green Liquid, Citrus Fresh Fragrance.	
<b>Primary Hazards:</b> Corrosive to eyes.	
<b>Potential Health Hazards</b>	
<b>Route(s) of Entry:</b> Skin Absorption: X Ingestion: X Inhalation: X	
<b>Eye:</b> May cause burns on contact.	
<b>Skin:</b> Prolonged or repeated exposure can cause irritation.	
<b>Ingestion:</b> May be harmful or fatal if swallowed.	
<b>Inhalation:</b> Overexposure to vapors or mists may be harmful.	
<b>Signs and Symptoms of Exposure:</b> Irritation on direct contact.	
<b>Carcinogenicity:</b> NTP? No IARC Monographs? No	
<b>OSHA Regulated?</b> No	
<b>Target Organ (s):</b> No additional data.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> N. Av.	
<b>Health Hazards, Chronic:</b> N. Av.	
<b>Section 4 - First Aid Measures</b>	
<b>Emergency and First Aid Procedures:</b>	
<b>If Swallowed:</b> Do not induce vomiting. If person can swallow, give several glasses of water. Get immediate medical attention. <b>Eye Contact:</b> Flush eyes with running water for at least 15 minutes. Get immediate medical attention. <b>Skin Contact:</b> Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.	
<b>Sources Used:</b> Raw material data, general toxicology from the trade for similar products.	
<b>Section 5 - Fire Fighting Measures</b>	
<b>Flammability:</b> No <b>Autoignition Temperature:</b> N. Ap.	
<b>Flash Point (method used):</b> None	
<b>Flammable Limits:</b> N. Ap. LEL UEL	
<b>Extinguishing Media:</b> N. Ap.	
<b>Water?</b> x	<b>Foam?</b> x
<b>Alcohol Foam?</b>	<b>CO<sub>2</sub>?</b>
<b>Vaporizing Liquid?</b>	<b>Other?</b>
<b>Water Fog?</b> x	<b>Dry Chemical?</b> x
<b>Special Fire Fighting Procedures:</b> N. Ap.	
<b>Unusual Fire and Explosion Hazards:</b> N. Av.	
<b>TDG Flammability Classification:</b> Non-flammable	
<b>Sensitivity to Mechanical Impact:</b> None	
<b>Sensitivity to Static Discharge:</b> None	
<b>Section 6 - Accidental Release Measures</b>	
<b>Steps to be Taken in Case Material is Released or Spilled:</b> Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.	
<b>Section 7 - Handling And Storage</b>	
<b>Precautions to be Taken in Handling and Storing:</b> Normal care in handling and storage.	
<b>Other Precautions:</b> Keep out of reach of children. Keep from freezing.	
<b>Section 8 - Exposure Controls/Personal Protection</b>	
<b>Respiratory Protection (Specify Types):</b> Not required	
<b>Ventilation: Local Exhaust:</b> Not required	<b>Special:</b> Not required
<b>Mechanical (General):</b> Normal good ventilation sufficient.	
<b>Other:</b> Not required	
<b>Protective Gloves:</b> Chemical resistant rubber.	
<b>Eye Protection:</b> Approved safety goggles or glasses. <b>Footwear:</b> Not required	
<b>Other Protective Clothing or Equipment:</b> Not required	
<b>Work/Hygienic Practices:</b> Do not contaminate food or beverages with cleaning chemicals.	

<b>Section 9 - Physical/Chemical Characteristics</b>					
<b>Boiling Point:</b> Approximately 212°F (100°C)		<b>pH (concentrate):</b> < 1.0			
<b>Specific Gravity (H2O) = 1:</b> 1.02		<b>pH (as-used dilution):</b> 1-2			
<b>Vapor Density (Air = 1):</b> < 1		<b>% Volatile:</b> > 80			
<b>Evaporation Rate (Butyl Acetate = 1):</b> N. Av.		<b>Odor Threshold:</b> N. Av.			
<b>Solubility in Water:</b> Complete		<b>Oil/Water Distribution</b>			
<b>Vapor Pressure (MM HG):</b> N. Av.		<b>Coefficient:</b> N. Av.			
<b>Melting Point:</b> N. Ap.					
<b>Section 10 - Stability And Reactivity</b>					
<b>Stability:</b> Unstable: Stable: X					
<b>Conditions to Avoid:</b> Heating above 110C results in an exothermic decomposition with rapid release of CO2 gas.					
<b>Incompatibility (materials to avoid):</b> Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic. Contact with hypochlorites (e.g. chlorine bleach, sulfides, or cyanides will liberate toxic gasses. Contact with alkaline materials will generate heat.					
<b>Do not use on marble, terrazzo or natural stone.</b>					
<b>Hazardous Decomposition or By-products:</b> N. Av.					
<b>Hazardous Polymerization:</b> May occur:		<b>Will not occur:</b> X			
<b>Conditions to Avoid:</b> N. Ap.					
<b>Section 11 - Toxicological Information</b>					
<b>Chemical</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Recom.</b>	<b>LD50</b>	<b>LC50</b>
A	1 mg/m3	1 mg/m3	N. Ap.	4,400 mg/kg (rat, oral)	7.7 mg/L (rat, 4 hrs.)
B	None	None	N. Av.	None	None
C	None	None	N. Av.	None	None
D	None	None	N. Av.	None	None
E	None	None	N. Av.	N. Av.	N. Av.
<b>Teratogen, Mutagen, Reproductive Toxin Status:</b> No					
<b>Toxicologically Synergistic Products:</b> N. Av.					
<b>Section 12 - Ecological Information</b>					
<b>Ecotoxicological Information:</b> N. Av.					
<b>Chemical Fate Information:</b> N. Av.					
<b>Section 13 - Disposal Considerations</b>					
<b>Waste Disposal Method:</b> Neutralize and dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewered, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.					
<b>RCRA Hazard Class:</b> D002, Characteristic corrosive					
<b>Section 14 - Transport Information</b>					
<b>Shipping Classification:</b>					
<b>US DOT:</b> Not Regulated, Compound, Cleaning Liquid N.O.I.					
<b>Air Transportation, Water Transportation, Canadian T.D.G.:</b> Corrosive liquid, N.O.S. (Containing Urea Monohydrochloride), class 8					
<b>UN Number:</b> UN1760					
<b>Packing Group:</b> III					
<b>Note:</b> This material is corrosive to aluminum only. Non-Corrosive to skin & mild steel.					
<b>Section 15 - Preparation Data</b>					
<b>Prepared By:</b> Mike Elms		<b>Telephone Number:</b> 651-481-1900		<b>Date:</b> 7-10	
<b>Section 16 - Regulatory Information</b>					
<b>US Federal Regulations</b>					
<b>TSCA Status:</b> All ingredients listed.					
<b>CERCLA Reportable Quality:</b> None					
<b>SARA Title III</b>					
<b>Section 302 Extremely Hazardous Chemicals:</b> None					
<b>Section 311/312 Hazard Category:</b> None					
<b>Section 313 Toxic Chemicals:</b> None					
<b>State Regulations</b>					
<b>NOTICE STATE OF CALIFORNIA</b>					
<b>Warning:</b> This product may contain chemicals known to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.					
<b>International Regulations</b>					
<b>WHMIS Controlled Product Hazard</b>					
<b>Class D:</b> Division 2B					
<b>Class E:</b> Note: This material is corrosive to aluminum only. Non-Corrosive to Skin and Mild Steel.					
<b>Section 17 - Other Information</b>					
N. Ap. - Not Applicable; N. Av. - Not Available					

## NFPA SYSTEM

2 A. Health Hazard      0 A. Fire Hazard      0 A. Reactivity Hazard

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(Complies with 29CFR 1910.1200)

