



### MATERIAL SAFETY DATA SHEET

**HMIS:**

 Health- 1 Flammability- 0 Reactivity- 0 Pers.  
 Protection- A

**NFPA:**

 Health- 1 Flammability- 0 Reactivity- 0 Special Hazard-  
 N

WHMIS: Not regulated

#### Section 1: Product and Company Identification

 Product: Wool-Cotton LIQUA-ACID      Synonyms:  
 Carpet & Upholstery Shampoo

NILODOR, INC.

 10966 INDUSTRIAL PARKWAY NW  
 BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800-443-4321

International 010-330-874-1017

24 hr Emergency Spill Information:

Chem-Tel, Inc.

 US, Canada: 800-255-3924. International:  
 1-813-248-0584

#### Section 2. Hazards Identification

**EMERGENCY OVERVIEW**

Appearance/Odor:    Green liquid, little if any odor

NOT Classified as hazardous by the criteria of NOHSC.

**WARNING**

Flammability :        Not classified as flammable

Health Hazards Listed : Can irritate eyes and skin

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Skin, eyes, mouth

Eye:                    Direct exposure can irritate

Skin:                    Prolonged or repeated exposure can irritate

Ingestion:             Can cause digestive distress

Inhalation:            Not likely to be a problem

Medical Conditions Aggravated By Exposure:

None known

Target Organs:        None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: (See section 12 for more information.)

None known

#### Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Water	7732-18-5	80 - 100	N
Sodium Lauryl Sulfate	151-21-3	5-10	Y

Citric Acid	77-92-9	0.1 - 1.0	Y
Lauryldimethylamine Oxide	1643-20-5	0.5 - 1.5	Y
Sodium Benzoate	532-32-1	0.1 - 1.0	Y

#### Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, get medical attention.
Skin Contact:	Wash with soap and water.
Inhalation:	Remove to fresh air.
Ingestion:	Do not induce vomiting. If conscious, give water or milk to drink.
Note to Physicians:	Product is mildly acidic.

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Water, foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media:	None known
Products of Combustion:	Oxides of carbon, nitrogen and sulfur
Protection of Firefighters:	Self-contained breathing apparatus if large quantities are present.

#### Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes.
Environmental Precautions:	Keep out of surface waters and sanitary sewers.
Methods for Containment:	Dike area with sand, clay or other suitable material.
Methods for Clean-Up:	Absorb on sand, clay or other suitable material. Hard surfaces may be mopped up with water.

#### Other Information:

#### Section 7. Handling and Storage

##### HANDLING

Keep closed when not in use.

##### STORAGE

Keep out of the reach of children. Store in closed, original container at ambient temperatures.

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Sodium Lauryl Sulfate	None established	1300 mg/kg
Citric Acid	None established	11 700 mg/kg
Lauryldimethylamine Oxide	None established	>500 mg/kg
Sodium Benzoate	None established	NA

Engineering Controls: Not normally necessary. Mechanical ventilation if odor or irritation becomes a problem

Eye/Face Protection: Protective goggles recommended.

Skin Protection: Rubber or other protective gloves recommended.

Respiratory Protection: Not normally necessary. Organic vapor respirator if ventilation does not handle odor or irritation.

General Hygiene Considerations: Reasonable care. Keep away from food and beverages.

#### Section 9. Physical and Chemical Properties

Color: Blue-green	Odor: Little if any
Physical State: Liquid	Odor Treshhold:

pH: 4 - 6

Evaporation Rate: Not determined

Flash Point: >96°C/>205°F PMCC

Upper Flammability Limit: Not determined

Vapor Pressure: Not determined

Vapor Density: Not determined

Volatile Organic Compound (VOC), %weight:  
< 1%

Freezing Point: Not determined

Boiling Point: 100°C/212°F

Flammability(solid,gas): Not applicable

Lower Flammability Limit: Not determined

Specific Gravity: 1.02

Auto-ignition Temperature: Not determined

Solubility (water): Soluble

Percent Volatile: > 80% including water

#### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: High temperatures, exposure to acids

Incompatible Materials: Acids, strong oxidizing agents

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely low probability

#### Section 11. Toxicology Information

##### ACUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 30 grams per kilogram.

Dermal LD50: Not determined for mixture. Weighted average more than 30 grams per kilogram.

Inhalation: Not determined for mixture. Weighted average more than 10 milligrams per Liter.

Eye Irritation: Direct contact will irritate.

Skin Irritation: Prolonged or repeated contact can dry or irritate.

Sensitization: None known

##### CHRONIC EFFECTS

Carcinogenicity: None known

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

#### Section 12. Ecological Information

Ecotoxicity: None known

Persistence/Degradability: Biodegradable

Bioaccumulation/Accumulation: None known

Mobility in Environment: Not determined

#### Section 13. Disposal Considerations

Disposal: Dispose according to all pertinent regulations.

#### Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information
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Global Inventories

TSCA: United States	Included
DSL: Canada	Included
ECL: Korea	Not-Known
PICCS: Philippines	Not-Known
ENCS: Japan	Not-Known
AICS: Australia	Included
IECS: China	Not-Known
EINECS: European Union	Included

SARA 313 Information : Does not contain any SARA 313 substances

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

Does not contain any Proposition 65 substances

WHMIS: Canadian Workplace Hazardous Material Information System

Not regulated

Section 16. Other Information
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Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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