



SAFETY DATA SHEET

HMIS:
Health- 1 Flammability- 0 Reactivity- 0 Pers.
Protection- B

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

WHMIS: D 2 B

Section 1: Product and Company Identification

Product: After-Rinse Certi-Rinse

Synonyms: Certi-Rinse

NILODOR, INC.

10966 INDUSTRIAL PARKWAY NW
BOLIVAR, OHIO 44612, USA

Non-Emergency:
US 800-443-4321

24 hr Emergency Spill Information:
Chem-Tel, Inc.

International +01-330-874-1017

US, Canada: 800-255-3924. International:
+01-813-248-0585

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Colorless liquid, mild clean scent



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.

Risk Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin

Safety Phrases: S2 - Keep out of the reach of children
S13 - Keep away from food, drink and animal feedingstuffs
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Hazard Phrases: H335 - May cause respiratory irritation

Precautionary Phrases: P233 - Keep container tightly closed.
P234 - Keep only in original container.
P235 - Keep cool.

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.

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

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Citric Acid	77-92-9	3.5-5.5	Y
Trade Secret Fragrance Mixture	None	< 0.5	N
Preservative	NA (mixture)	<0.05	N
Water	7732-18-5	60-80	N
Trade Secret Encapsulating Polymer	NA	20-30	N

Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water, holding lids apart. 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 about as acid as typical gastric fluid.

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 and nitrogen
 Protection of Firefighters: As for surrounding fire.

Section 6. Accidental Release Measures
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Personal Precautions: Keep away from skin and eyes.
 Environmental Precautions: Keep out of surface waters.
 Methods for Containment: Dike area with sand, clay or other suitable material.
 Methods for Clean-Up: Mop up with water or absorb on clay, sand or other suitable absorbent.
 Other Information:

Section 7. Handling and Storage

HANDLING

Do not open until ready to use.

STORAGE

Closed, original container at ambient temperature.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Citric Acid	None established	11 700 mg/kg
Trade Secret Fragrance Mixture	None established	Not determined
Preservative	NA	NA
Water	Not applicable	Not applicable
Trade Secret Encapsulating Polymer	NA	NA

Engineering Controls: Not normally needed.

Eye/Face Protection: Protective goggles recommended if using large quantities.

Skin Protection: Rubber or other protective gloves recommended if using large quantities.

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Reasonable care. Keep out of beverages and food.

Section 9. Physical and Chemical Properties

Color: Colorless	Odor: Mild clean scent
Physical State: Liquid	Odor Treshhold:
pH: 2-4	Freezing Point: Not determined.
Evaporation Rate: Not determined.	Boiling Point: >100C / >212F
Flash Point: >205 F PMCC	Flammability(solid,gas): Not applicable.
Upper Flammability Limit: Not determined.	Lower Flammability Limit: Not determined.
Vapor Pressure: Not determined.	Specific Gravity: 1.02-1.05
Vapor Density: Less than air.	Auto-ignition Temperature: Not determined.
Volatile Organic Compound (VOC),%weight:	Solubility (water): Soluble.
Fragrance less than 0.1%	Percent Volatile: 70 - 75% including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Exposure to alkalis

Incompatible Materials: Alkalis

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Will not occur

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 37 grams per kilogram.
Dermal LD50:	Not considered toxic by skin contact. Weighted average more than 10 grams per kilogram.
Inhalation:	Not toxic by inhalation. Weighted average more than 5 milligrams per liter.
Eye Irritation:	Direct contact will irritate.
Skin Irritation:	Prolonged or repeated contact can 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 Federal, State or Provincial, and Local 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

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

D 2 B

Section 16. Other Information

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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