



MATERIAL SAFETY DATA SHEET

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

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

WHMIS: B 3, D 2 B

Section 1: Product and Company Identification

Product: Nilium, Fresh Apple Synonyms: Fresh Apple Nilium, Green
Apple Nilium

NILODOR, INC.
10966 INDUSTRIAL PARKWAY NW
BOLIVAR, OHIO 44612, USA

Non-Emergency:	24 hr Emergency Spill Information:
US 800-443-4321	Chem-Tel, Inc.
International 010-330-874-1017	US, Canada: 800-255-3924. International: 1-813-248-0584

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Colourless or pale yellow liquid with characteristic fresh apple aroma
NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : Not classified as flammable
Health Hazards Listed : May be a mild irritant
Ecological Hazards Listed : None known
Potential Health Effects: See section 11 for more information.
Likely Routes of Exposure: Skin, eyes

Eye: Direct exposure can irritate
Skin: Prolonged or repeated exposure can irritate
Ingestion: Not expected to be a problem
Inhalation: Not likely to be a problem

Medical Conditions Aggravated By Exposure:
Allergies to fragrances
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
Non-ionic Surfactant	NA	6-9	Y

Water	7732-18-5	70-90	N
Odor Counteractant	NA	0.1-1.0	N
Sodium Xylene Sulfonate	1300-72-7	3-6	N
Ethanol	64-17-5	0.5-1.5	Y

Section 4. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.

Skin Contact: Wash with soap and water

Inhalation: Remove to fresh air

Ingestion: Give water or milk to drink if conscious

Note to Physicians:

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, sulfur

Protection of Firefighters: As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions: Keep away from skin and eyes

Environmental Precautions: Keep out of surface waters

Methods for Containment: Dike with sand, clay, or other suitable material

Methods for Clean-Up: Absorb with sand, clay, or other suitable material

Other Information:

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes

STORAGE

Original container at ambient temperatures (5-60°C; 40 - 140°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Non-ionic Surfactant	NA	NA
Water	Not applicable	Not applicable
Odor Counteractant	None established	Not determined
Sodium Xylene Sulfonate	None established	1000 mg/kg
Ethanol	TLV 1000 ppm	7060 mg/kg

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles recommended if handling large quantities

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

Respiratory Protection: Not normally necessary

General Hygiene Considerations: Keep out of food and beverages

Section 9. Physical and Chemical Properties

Color: Colourless to pale yellow

Odor: Characteristic fresh apple

Physical State: Liquid

Odor Treshhold:

pH: 6.0-8.0	Freezing Point: Not determined
Evaporation Rate: As water	Boiling Point: 100°C/212°F
Flash Point: >96°C/>205°F PMCC	Flammability(solid,gas): Not applicable
Upper Flammability Limit: Not determined	Lower Flammability Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1.02
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: Less than 1%	Solubility (water): Soluble Percent Volatile: 90 - 95% including water

Section 10. Stability and Reactivity

Stability: Stable
Conditions to Avoid: None known
Incompatible Materials: None known
Hazardous Decomposition Products: None known
Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 6000 mg/kg.
Dermal LD50:	Not determined. Weighted average more than 10 grams per kilogram.
Inhalation:	Not determined. No components classified as toxic by inhalation at concentrations present. Weighted average more than 20 mg per Liter.
Eye Irritation:	Direct contact can irritate; if eyes not rinsed immediately, irritation can become moderate to severe
Skin Irritation:	Prolonged or repeated contact can irritate or dry skin
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 : No SARA 313 Substances present at reportable levels

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

No Proposition 65 Substances present

WHMIS: Canadian Workplace Hazardous Material Information System

B 3, 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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