

Sheet No. 406

Revision Date: 21 June 2010



MATERIAL SAFETY DATA SHEET

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

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

WHMIS: non-hazardous

Section 1: Product and Company Identification

**Product: Encapsulating
Extraction Cleaner**

Synonyms:

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 010-330-874-1017

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

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Pale yellow liquid, characteristic aroma
NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : NA

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 exposure can irritate

Ingestion: May cause nausea

Inhalation: May cause irritation when used with inadequate ventilation

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
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Water	7732-18-5	50-90	N
Sodium Citrate	6132-04-3	<10%	Y
Nonionic Surfactants	Mixture	<10%	N
Proprietary Fragrance Mixture	Mixture	<1%	N
Acrylate Copolymer	Proprietary	<10%	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 to drink if conscious. Do not induce vomiting.
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:	None known
Protection of Firefighters:	As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes. Use safety goggles and gloves.
Environmental Precautions:	Keep out of surface waters
Methods for Containment:	Dike area with sand, clay or other suitable material.
Methods for Clean-Up:	Absorb on sand, clay or other suitable material or mop up with water.
Other Information:	

Section 7. Handling and Storage

HANDLING

Reasonable care. Keep away from skin and eyes.

STORAGE

Original container at ambient temperatures (below 55°C/130°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Sodium Citrate	None established	None established
Nonionic Surfactants	None established	None established
Proprietary Fragrance Mixture	None established	Not established
Acrylate Copolymer	NA	NA

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: Pale yellow	Odor: Mild characteristic aroma
Physical State: Liquid	Odor Treshhold:
pH: 7.5-8.5	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 Flammabilty Limit: Not determined
Vapor Pressure: As water	Specific Gravity: 1.02-1.05
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: Less than 2	Solubility (water): Soluble
	Percent Volatile: Not determined

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: Strong acids

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 10 grams per kilogram.
Dermal LD50:	Not classified as toxic by skin contact. Weighted average more than 10 grams per kilogram.
Inhalation:	Not classified as toxic by inhalation. Weighted average more than 8 milligrams per Liter.
Eye Irritation:	Direct contact can irritate eyes
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 Enviroment:	Not determined

Section 13. Disposal Considerations

Disposal: Dispose according to government 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

non-hazardous

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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