Sheet No. 196







MATERIAL SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 1 Reactivity- 0 Pers.

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

NFPA:

Protection-B

WHMIS: D 2 B

Section 1: Product and Company Identification

Product: Highly Concentrated Extraction

Cleaner 2001

Synonyms:

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:

Pale yellow liquid, citrus 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 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

WHMIS

Component

CAS#

% by Weight

Controlled

MSD Sheet for Product: Highly Concentrated Extraction Cleaner 2001, Rev. Date: 18 January 2013

Water	7732-18-5	80 - 100	N
Linear alcohol polyethoxylates	68439-46-3	7 - 13	N
Organic phosphate esters, acid	68130-47-2	1 - 5	N
Sodium Metasilicate	6834-92-0	0.5 - 1.5	Y
Sodium Metasmente			

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, phosphorus

As for surrounding fire Protection of Firefighters:

Section 6. Accidental Release Measures

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:

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

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:

TWA:

LD-50

Water

Not applicable

Not applicable

Linear alcohol polyethoxylates

None established

2700 mg/kg

Organic phosphate esters, acid

None established

1530 mg/kg

Sodium Metasilicate

None established

1500 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: Pale yellow

Odor: Mild citrus

Physical State: Liquid

Odor Treshhold:

MSD Sheet for Product: Highly Concentrated Extraction Cleaner 2001, Rev. Date: 18 January 2013

pH: 10 - 12

Freezing Point: Not determined

Evaporation Rate: As water

Boiling Point:

Flash Point:

Flammability(solid,gas): Not applicable

Upper Flammability Limit: Not determined

Lower Flammabilty 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:

Solubility (water): Soluble

Less than 2

Percent Volatile: 80 - 90 including water

Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known Incompatable 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 4 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 None known

Mutagenicity: 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

Disposal: Dispose according to government regulations

Section 14. Transportation Information

Section 13. Disposal Considerations

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

MSD Sheet for Product: Highly Concentrated Extraction Cleaner 2001, Rev. Date: 18 January 2013

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 pf 1986 :(Proposition 65)

No Proposition 65 substances present

WHMIS: Canadian Workplace Hazardous Material Information System

D2B

Section 16. Other Information

Legends:

NFPA, HMIS:

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

Risk Phrases:

Safety Phrases:

Prepared By:

Technical Dept.

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