



MATERIAL SAFETY DATA SHEET

HMIS:
Health- 1 Flammability- 2 Reactivity- 0 Pers.
Protection- B

NFPA:
Health- 1 Flammability- 2 Reactivity- 0 Special Hazard-
N

WHMIS: B 3, D 2 B

Section 1: Product and Company Identification

Product: Static Relief Anti-Stat
NILODOR, INC.

Synonyms:

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: Colorless liquid, odor of isopropyl alcohol

Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : See section 14

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
Tetradecyltrimethylammonium bromide	1119-97-7	1 - 5	N

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 moderately alkaline and contains 2-propanol (isopropyl alcohol).

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 bromine; bromine, hydrogen bromide
Protection of Firefighters:	Self-contained breathing apparatus if large quantities are present.

Section 6. Accidental Release Measures
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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
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EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Tetradecyltrimethylammonium bromide	None established	3900 mg/kg
2-Propanol	TLV 200 ppm	5800 mg/kg

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: Colorless	Odor: Characteristic of 2-propanol (Isopropyl alcohol)
Physical State: Liquid	Odor Treshhold:
pH: 7 - 9	Freezing Point: Not determined
Evaporation Rate: Not determined	Boiling Point: 85°C/184°F
Flash Point: 59°C/139°F PMCC	Flammability(solid,gas): Not applicable

Upper Flammability Limit: Not determined
Vapor Pressure: Not determined
Vapor Density: Not determined
Volatile Organic Compound (VOC),%weight:
< 5%

Lower Flammability Limit: Not determined
Specific Gravity: 1
Auto-ignition Temperature: Not determined
Solubility (water): Soluble
Percent Volatile: >90% 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

ACCUTE EFFECTS

Oral LD50: Not determined for mixture. Weighted average more than 70 grams per kilogram.
Dermal LD50: Not determined for mixture. Weighted average more than 25 grams per kilogram.
Inhalation: Not determined for mixture. Weighted average more than 70 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. Exempted from Class 3; more than 90% water.

IMDG (water)

Proper Shipping Description: Not a Dangerous Good. Exempted from Class 3; more than 90% water.

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

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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