



### 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: Not regulated

#### Section 1: Product and Company Identification

Product: Defoamer, Liquid Formula

Synonyms: Defoamer Formula DF

NILODOR, INC.

 10966 INDUSTRIAL PARKWAY NW  
 BOLIVAR, OHIO 44612, USA

Non-Emergency:

US 800-443-4321

International 010-330-874-1017

24 hr Emergency Spill Information:

Chem-Tel, Inc.

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

#### Section 2. Hazards Identification

**EMERGENCY OVERVIEW**

Appearance/Odor: Opaque white liquid, little if any odor

NOT Classified as hazardous by the criteria of NOHSC.

**WARNING**

Flammability : Not classified as flammable

Health Hazards Listed : Not applicable

Ecological Hazards Listed : None known

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Not applicable

Eye: Direct exposure can irritate

Skin: Prolonged exposure can irritate

Ingestion: Not expected to be a problem

Inhalation: Not applicable

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
Water	7732-18-5	80 - 100	N
Trade Secret Silicone Emulsion	None	3 - 7	N

Dynamic Hydantoins mixture                      none    0.1 - 1.0    N

Only known ingredients

Section 4. First Aid Measures

Eye Contact:                      Flush eyes with copious amounts of clean water. Hold lids apart. 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  
Unsuitable Extinguishing Media:                      None known  
Products of Combustion:                      Oxides of carbon, silicon and nitrogen  
Protection of Firefighters:                      As for surrounding fire

Section 6. Accidental Release Measures

Personal Precautions:                      Keep out of eyes. Avoid skin contact  
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

Normal care.

STORAGE

Keep in original container at ambient temperature (5 - 50°C, 40 - 122°F)

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Water	Not applicable	Not applicable
Trade Secret Silicone Emulsion	None established	>500 mg/kg
Dynamic Hydantoins mixture	None established	4180 mg/kg

Only known ingredients

Engineering Controls: Not normally necessary

Eye/Face Protection: Protective goggles if handling large quantities

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

Respiratory Protection: Not normally necessary.

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

Section 9. Physical and Chemical Properties

Color: White, Opaque	Odor: Little if any
Physical State: Liquid	Odor Treshhold:
pH: 6 - 8	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
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: Less than 0.1%	Solubility (water): Disperses into emulsion Percent Volatile: More than 90% including water

#### Section 10. Stability and Reactivity

Stability: Stable  
Conditions to Avoid: Not applicable  
Incompatible Materials: None known  
Hazardous Decomposition Products: None known  
Possibility of Hazardous Reactions: Extremely unlikely

#### Section 11. Toxicology Information

##### ACCUTE EFFECTS

Oral LD50:	Not evaluated as a mixture. Weighted average more than 8 grams per kilogram.
Dermal LD50:	Not toxic by skin contact. Weighted average more than 15 grams per kilogram.
Inhalation:	Not toxic by inhalation. Weighted average more than 30 milligrams per Liter.
Eye Irritation:	Direct contact can irritate eyes.
Skin Irritation:	Prolonged or repeated contact can irritate 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:	Not applicable
Persistence/Degradability:	Biodegradable
Bioaccumulation/Accumulation:	Not applicable
Mobility in Environment:	Not applicable

#### Section 13. Disposal Considerations

Disposal: Dispose in accordance with Federal, State or Provincial, & 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 chemicals 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

Not regulated

Section 16. Other Information
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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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