



MATERIAL SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 3 Reactivity- 0 Pers. Protection- B

WHMIS: B 2, D 2 B

NFPA:

Health- 1 Flammability- 3 Reactivity- 0 Special Hazard- N

Section 1: Product and Company Identification

Product: D-3 POG
NILODOR, INC.

Synonyms: ELAR "D-3" Spotter

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, characteristic aroma

Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : R 10: Flammable Liquid

Health Hazards Listed : Can be mild irritant

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: Can irritate respiratory tract or cause dizziness

Medical Conditions Aggravated By Exposure:

Respiratory problems

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
Ethanol	64-17-5	4-8	Y
n-Pentyl Acetate	628-63-7	30-40	Y

Dipropylene glycol	25265-71-8	15-40	N
2-Methylbutyl Acetate	624-41-9	10 - 30	N
Octoxynol-10	9036-19-5	1 - 5	Y

Section 4. First Aid Measures

Eye Contact:	Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, 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 non-aqueous; only about 50% is water-soluble

Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media:	Flooding with water is inadvisable as part or all of material may float and continue burning.
Products of Combustion:	Carbon dioxide and carbon monoxide
Protection of Firefighters:	Self-contained breathing apparatus if large quantities are present.

Section 6. Accidental Release Measures

Personal Precautions:	Keep away from mouth, eyes and skin.
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.
Other Information:	

Section 7. Handling and Storage

HANDLING

Keep in cool, dry place away from flames and sparks.

STORAGE

Keep out of the reach of children. Keep in closed, original container until ready to use.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Ethanol	TLV 1000 ppm (typical)	7060 mg/kg
n-Pentyl Acetate	TLV 50 ppm	14000 mg/kg
Dipropylene glycol	None established	14800 mg/kg
2-Methylbutyl Acetate	TLV 50 ppm	14000 mg/kg
Octoxynol-10	None established	707 mg/kg

Engineering Controls: Not normally necessary due to small quantities used

Eye/Face Protection: Protective goggles recommended.

Skin Protection: Neoprene or other protective gloves recommended

Respiratory Protection: Organic vapor respirator if handling large quantities

General Hygiene Considerations: Reasonable care. Keep away from skin, eyes, mouth, food and beverages

Section 9. Physical and Chemical Properties

Color: Colorless or pale yellow	Odor: Characteristic of bananas and/or pears
Physical State: Liquid	Odor Treshhold:
pH: Not applicable.	Freezing Point: Not determined.

Evaporation Rate: Not determined.	Boiling Point: 64°C/148°F
Flash Point: 29°C/85°F PMCC	Flammability(solid,gas): Not applicable.
Upper Flammability Limit: Not determined for mixture.	Lower Flammability Limit: Not determined for mixture.
Vapor Pressure: Not determined for mixture.	Specific Gravity: 0.92
Vapor Density: Greater than air	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight: Approximately 65%	Solubility (water): Partially soluble Percent Volatile: Approximately 65%

Section 10. Stability and Reactivity

Stability: Stable
 Conditions to Avoid: High temperatures, flames or sparks
 Incompatible Materials: None known
 Hazardous Decomposition Products: Does not decompose except in fire situation
 Possibility of Hazardous Reactions: Does not occur

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 5 grams per kilogram, oral, rat.
Dermal LD50:	Not determined for mixture. Weighted average more than 8 grams per kilogram, rabbit.
Inhalation:	Not determined for mixture. Weighted average more than 6 milligrams per Liter, rat.
Eye Irritation:	Direct contact can be very irritating.
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:	Not determined
Persistence/Degradability:	Biodegradable
Bioaccumulation/Accumulation:	Not determined
Mobility in Environment:	Not determined.

Section 13. Disposal Considerations

Disposal: Product is a flammable liquid. Dispose in accordance with Federal, State or Provincial, and local regulations.

Section 14. Transportation Information

US DOT (ground)
 Proper Shipping Description: Consumer Commodity - ORM-D
 CANADA TDG (ground)
 Proper Shipping Description: Consumer Commodity - ORM-D
 ICAO (air)
 Proper Shipping Description: UN1993, Flammable Liquid NOS (Pentyl Acetates, Ethanol) Class 3, PG III

IMDG (water)

Proper Shipping Description: UN1993, Flammable Liquid NOS (Pentyl Acetates, Ethanol) Class 3, PG III, Flash Point 29°C C. C. EmS F-E, S-E

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 container or case of this product will contain reportable quantities of 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 2, D 2 B

Section 16. Other Information

Not for sale in California

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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