

Sheet No. 151

Revision Date: 15 May 2006


**NILOdor**<sup>®</sup>  
Inc.

**MATERIAL SAFETY DATA SHEET**

HMIS:

Health- 2 Flammability- 2 Reactivity- 0 Pers. Protection- B

NFPA:

Health- 2 Flammability- 2 Reactivity- 0 Special Hazard- N

WHMIS: D 2 B

**Section 1: Product and Company Identification**
**Product: Para Deodorizing  
Blocks, all**
**Synonyms:****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: Cake-like solid. See section 9

NOT Classified as hazardous by the criteria of NOHSC.

**WARNING**

Flammability : Not classified as flammable

Health Hazards Listed : See below

Ecological Hazards Listed : Moderately toxic to aquatic organisms

Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Ingestion, Inhalation

Eye: Direct exposure can irritate

Skin: Prolonged or repeated exposure can irritate

Ingestion: Harmful if swallowed

Inhalation: Can irritate respiratory tract

Medical Conditions Aggravated By Exposure:

Respiratory problems

Target Organs: Liver, kidney in high dosages

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.)

Biodegradable

**Section 3. Composition/Information on Ingredients**

<b>Component</b>	<b>CAS#</b>	<b>% by Weight</b>	<b>WHMIS Controlled</b>
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1,4-Dichlorobenzene	106-46-7	60-100	Y
Trade Secret Fragrance Mixture	None	0 - 2.0	N
Trade secret dye mixture	None	0 - 2.0	N

Only known ingredients

#### 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:	If conscious, give water or milk to drink.
Note to Physicians:	Emesis not recommended. If removal from stomach is indicated, gastric lavage may be used.

#### Section 5. Fire Fighting Measures

Suitable Extinguishing Media:	Carbon dioxide, foam, dry chemical.
Unsuitable Extinguishing Media:	None known.
Products of Combustion:	Chlorine, hydrogen chloride, phosgene, oxides of carbon and chlorine.
Protection of Firefighters:	If large quantities of product involved, use self-contained breathing apparatus.

#### Section 6. Accidental Release Measures

Personal Precautions:	Keep away from skin and eyes. Rubber or other protective gloves recommended for handling product.
Environmental Precautions:	Keep out of surface waters and sanitary sewers.
Methods for Containment:	Not normally needed; product is solid at ambient temperatures.
Methods for Clean-Up:	If any inner cellophane wrappings are torn, wear protective gloves. Gather or shovel up scattered units.
Other Information:	

#### Section 7. Handling and Storage

##### HANDLING

Do not open inner package until ready to install.

##### STORAGE

Keep out of the reach of children. Store in original container at ambient temperature, not more than 50°C/120°F.

#### Section 8. Exposure Controls/Personal Protection

##### EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
1,4-Dichlorobenzene	TLV 10 ppm	3790 mg/kg
Trade Secret Fragrance Mixture	None established	Not determined
Trade secret dye mixture	None established	Not determined
Only known ingredients		

Engineering Controls: Not normally necessary when handling individual blocks

Eye/Face Protection: Not normally necessary when handling individual blocks

Skin Protection: Rubber or other protective gloves recommended if handling block outside inner package

Respiratory Protection: Not normally necessary.

General Hygiene Considerations: Keep away from food and beverages

### Section 9. Physical and Chemical Properties

Color: Pink - light red (Cherry) or white - pale yellow (Cherry or Lemon)      Odor: Cherry or lemon + characteristic \\\"mothball\\\"

Physical State: Cake-like solid. May be enclosed in white plastic cage.

Odor Treshhold:

pH: Not applicable

Freezing Point: Not applicable

Evaporation Rate: Not determined

Boiling Point: 174°C/345°F

Flash Point: 150°C/302°F

Flammability(solid,gas): Not considered a flammable solid

Upper Flammability Limit: Not determined

Lower Flammabilty Limit: 2.5% at 142°C/287°F

Vapor Pressure: 0.59 Torr at 20°C/68°F

Specific Gravity: 1.25

Vapor Density: 5.1 (air = 1)

Auto-ignition Temperature: Not determined

Volatile Organic Compound (VOC),%weight: > 98 %, all 1,4-Dichlorobenzene

Solubility (water): Insoluble

Percent Volatile: > 98 %

### Section 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatable Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: None known

### Section 11. Toxicology Information

#### ACCUTE EFFECTS

Oral LD50: 3790 mg/kg, rat

Dermal LD50: 5000 mg/kg, rabbit

Inhalation: 500 ppm, rat

Eye Irritation: Direct contact with cake can irritate eyes

Skin Irritation: Prolonged or repeated direct contact can irritate skin

Sensitization: None known

#### CHRONIC EFFECTS

Carcinogenicity: NTP: B. Reasonably anticipated to be a carcinogen. IARC: 2B. Possible Carcinogen.

Mutagenicity: None known

Reproductive Effects: None known

Developmental Effects: None known

### Section 12. Ecological Information

Ecotoxicity: None known

Persistence/Degradability: Low biodegradability

Bioaccumulation/Accumulation: Not determined

Mobility in Enviroment: Not determined

### Section 13. Disposal Considerations

Disposal: Dispose according to all 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: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good in sizes offered

IMDG (water)

Proper Shipping Description: Not a Dangerous Good in sizes offered

### 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 :    Sizes offered do not contain reportable levels of any SARA 313 substances.

California Safe Drinking Water and Toxic Enforcement Act pf 1986 :(Proposition 65)

1,4-Dichorobenzene is considered a carcinogen under Proposition 65

WHMIS: Canadian Workplace Hazardous Material Information System

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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