

**Safety Data Sheet**

According to Hazard Communication Standard: 29 CFR 1910.1200

# DISINGERM THYME CLEAN VAPORCIDE

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## **PRODUCT AND COMPANY IDENTIFICATION**

### **Product Information**

Product Name:	DISINGERM THYME VAPORCIDE
Recommended use:	Textile, Plastic and Leather Self-Cleaning Surface Protectant
Supplier:	DISINGERM INC. 1200 NESUDA RD. ENNIS, TX 75119 EPA COMPANY # 97310
Telephone:	(800) 581-6077
Emergency Telephone:	(800)-535-5035

## **HAZARDS IDENTIFICATION**

### **Hazard Category:**

Skin corrosion/irritation	Category 1
Eye corrosion/irritation	Category 1

**Signal Word:** Warning

**Hazard Statements:** Causes mild skin irritation (H316)  
Causes eye irritation (H320)

No pictogram required.

### **Precautionary Statements - Prevention**

Wash hands thoroughly after handling.  
Do not breath/inhale mist.  
Keep away from heat/sparks/open flames/hot surfaces - No smoking.

### **Precautionary Statements - Response**

If skin irritation occurs: Get medical advice.

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If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing.

If eye irritation persists: Get medical advice/attention.

**Precautionary Statements - Storage**

Store in a well ventilated place. Keep between 45 and 95 degrees Fahrenheit.

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

None

**COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	Weight %
<a href="#">Thyme Essential Oil</a>	8007-46-3	1%-10%
<a href="#">DI Water</a>	7732-18-5	89%-99%
<a href="#">Disodium EDTA</a>	6381-92-6	1%-10%
<a href="#">Polysorbate 20</a>	9005-64-5	1%-10%
<a href="#">Zinc Oxide</a>	1314-13-2	0.1%-10%
<a href="#">Lemongrass Essential Oil</a>	8007-02-1	0.1%-5%

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Formula contains items between 3%-8% which are considered to be a Trade Secret and are withheld in accordance with the provisions of 1910.1200 of title 29 of the US Code of Federal Regulations.

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### **FIRST AID MEASURES**

#### **First Aid Measures:**

<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15 minutes. Remove contact lenses if present and easy to do so, continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>Skin Contact</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 minutes. Call a poison control center or doctor for treatment advice if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air. If breathing is affected, call a physician.
<b>Ingestion</b>	Call a poison control center or doctor immediately for treatment advice. Have person drink a glass of water if able. Do NOT induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### **Most important symptoms and effects, both acute and delayed**

**Most important symptoms/effects**      Mild irritation of eyes and skin.

#### **Indication of any immediate medical attention and special treatment needed**

**Notes to physician**      Treat symptomatically.

### **FIRE-FIGHTING MEASURES**

#### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Specific Hazards Arising from the Chemical**

None.

#### **Protective Equipment and Precautions for Firefighters**

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As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Fight fire from maximum distance or protected area. Do not breathe fumes in the case of fire/explosion.

## **ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with eyes and skin.  
Wash hands thoroughly after handling.

**Other information** Refer to protective measures listed in Section 7 and Section 8.

### **Environmental precautions**

**Environmental precautions** Outside of normal use, avoid release to environment.

### **Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Absorb and put in containers suitable for disposal.

## **HANDLING AND STORAGE**

### **Precaution for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink or smoke when using this product.

### **Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers closed in a dry, well ventilated place between 45 and 95 degrees Fahrenheit. Keep out of direct sunlight.

**Incompatible Products** None known.

# PHYSICAL AND CHEMICAL PROPERTIES

## Physical and Chemical Properties

Physical State	Thin Liquid
Appearance	Clear
Color	Off-white
Odor	Pleasant
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Notes/Method</u>
pH	7 to 8	None known



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<b>Melting/Freezing point</b>	Freezes at 32°F	None known
<b>Boiling point/Range</b>	No data available	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No data available	None known
<b>Lower flammability limit</b>	No data available	None known
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific gravity</b>	1.055 to 1.102	None known
<b>Water solubility</b>	Soluble in Water	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive Properties</b>	Not Explosive	
<b>Oxidizing Properties</b>	No data available	

### **Other Information**

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

## **STABILITY AND REACTIVITY**

### **Reactivity**

No data available.

### **Chemical stability**

Stable under recommended storage conditions. Stable under normal use conditions. If the pH of the product is increased towards alkaline (pH>9) then there is a risk that Diethylamine may be reformed to its flammable form.

### **Possibility of Hazardous Reactions**

None under normal use.

### **Conditions to avoid**

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Store away from flammable materials. Avoid alkaline pHs. Avoid substances that react with water. Avoid high temperatures above the recommended limit to avoid production of harmful gases (ClO<sub>2</sub>). Avoid strong oxidizers, strong acids, and reactive metals including aluminum.

### **Incompatible materials**

Explosives, Toxic Gas, Spontaneously combustible substances, Oxidizing substances, Organic Peroxides, and Radioactive material.

### **Hazardous Decomposition Products**

When chlorine dioxide is heated to decomposition, chlorine gas is produced. Chlorine gas creates hydrochloric acid when mixed with water or steam.

## **TOXICOLOGICAL INFORMATION**

### **Product Information**

#### **Information on likely routes of exposure**

<b>Inhalation</b>	Exposure to vapor or mist may irritate respiratory tract.
<b>Skin contact</b>	Prolonged contact may cause irritation.
<b>Eye contact</b>	May cause eye irritation.
<b>Ingestion</b>	Ingestion may cause irritation to mucous membranes and gastrointestinal irritation, nausea, vomiting, and diarrhea.

### Information on toxicological effects

**Symptoms** May cause redness and tearing of the eyes and skin redness.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Sensitization** No information available.

**Mutagenic Effects** No information available.

**Carcinogenicity** Contains low amounts of Titanium Dioxide, listed as a possibly carcinogenic (category 2B).

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect.

**Target Organ Effects** Respiratory system, eyes, skin, gastrointestinal tract (GI).

**Aspiration Hazard** No information available.

### Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document. Not applicable.



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## **ECOLOGICAL INFORMATION**

### **Ecotoxicity**

Harmful to aquatic life with long lasting effects.

### **Persistence and Degradability**

No information available.

### **Bioaccumulation**

No information available.

### **Other Adverse Affects**

No information available.

## **DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Avoid dispersal of spilled material to come into contact with soil, waterways, drains, and sewers.

### **Contaminated Packaging**

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

## **TRANSPORT INFORMATION**

Not a DOT controlled material (United States). Not a TDG-controlled material. This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, or ICAO/IATA)

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### **REGULATORY INFORMATION**

**Toxic Substances Control Act (TCSA):** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TCSA) Chemical Substance Inventory.

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 50 of the Code of Federal Regulations, Part 372.

### **OTHER INFORMATION**

#### **HMIS**

Health hazard	1
Flammability	1
Physical Hazard	0

#### **NFPA**

Health hazard	1
Flammability	1
Instability	0

#### **General Disclaimer:**

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