

**SAFETY DATA SHEET**

Version 1.0

Revision Date: 07/23/2015

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**1. PRODUCT AND COMPANY IDENTIFICATION**

- 1.1 Product Name: Dust-Trol 100
- CAS-NO.: Proprietary, not assigned.
- 1.2 Relevant Identified Uses of the Product: dust control
- 1.3 Details of the supplier of the safety data sheet:
- Company: CHEM GREEN, INC.  
14 S. Holland Rd.  
Mansfield, Tx 76063
- Telephone: (214) 449-7807
- 1.4 Emergency telephone number: Chemtrec (800) 424-9300
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**2. HAZARDS IDENTIFICATION:**

- 2.1 Classification of the substance or mixture:
- GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
- Skin irritation (Category 2), H315
- Eye irritation (Category 2A), H319
- Skin sensitization (Category 1), H317
- Specific target organ toxicity – single exposure (Category 3), Respiratory system  
H335
- 2.2 GHS Label elements, including precautionary statements
- Pictogram



Signal word	Warning
Hazard Statements	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

#### Precautionary Statements

P261 Avoid breathing fumes/vapors  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves and eye or face protection.  
P302 + P352 If on skin, wash with plenty of soap and water.  
P304 + P340 If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 +P338 If in eyes, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.  
P312 Call a POISON CENTER or doctor if you feel unwell.  
P333 + P313 If skin irritation or rash occurs, get medical attention.  
P337 + P313 If eye irritation persists, get medical attention.  
P403 + P233 Store in well ventilated place. Keep tightly closed.  
Disposal Dispose of contents/containers to approved disposal site in accord with local, regional, or international regulations.

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### 3. Composition Information on Hazardous Ingredients

3.1	<u>Substances</u>	<u>CAS #</u>	<u>Weight %</u>
	Polyacrylic acid derivative	proprietary	< 20%
	Morpholine	110-91-8	< 10%

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### 4. First Aid Measures

#### 4.1 Description of first aid measures

##### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of the dangerous area.

##### If inhaled

If breathed in, move person into fresh air and consult a physician .

##### In case of skin contact

Wash with soap and plenty of water. Consult a physician if irritation develops.

##### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

##### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water and consult a physician.

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### 5. Firefighting Measures

#### 5.1 Extinguishing media

- Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture**  
Oxides of carbon and nitrogen.
- 5.3 Advice for firefighters**  
Wear self contained breathing apparatus for fire fighting if necessary.

## 6. Accidental Release Measures

- Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
- 6.2 Environmental precautions**  
Do not let concentrated product enter drains.
- 6.3 Methods and materials for containment and cleaning up.**  
Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable closed containers for disposal.

## 7. Handling and Storage

- 7.1 Precautions for safe storage**  
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use adequate ventilation.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Keep container tightly closed in a dry and well-ventilated place.
- 7.3 Specific end use(s)**  
Minimize or eliminate dust on or near road surfaces.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

Component	CAS #	Value	Control Parameters	Basis
Morpholine	110-91-8	TWA	20 PPM	ACGIH TLV, NIOSH Recommended Exposure Limit OSHA Table Z-1
Morpholine	110-91-8	ST	30 PPM	NIOSH Recommended Exposure Limit
Morpholine	110-91-8	Remarks	Upper Respiratory Tract Irritation Eye damage Potential for Dermal Absorption Not classifiable as a human carcinogen	

### 8.2 Exposure controls

Handle in accordance with good industrial hygiene and safety practice. Use only in well ventilated areas. Wash hands before breaks and at the end of workday. Use personal protective equipment as outlined below:

#### Eye/face protection

Face shield and safety glasses. Use equipment for eye protection tested and

approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body protection**

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substances at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.

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**9. Physical and Chemical Properties**

**9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	liquid
<b>Color</b>	clear
<b>Odor</b>	weak amine
<b>pH</b>	<b>11</b>
<b>Evaporation rate</b>	No data available
<b>Melting (Freezing) Point</b>	No data available
<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Flammability</b>	No data available
<b>Density</b>	No data available
<b>Solubility</b>	soluble in aqueous solutions
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available

**9.2 Other Information** Storage at elevated temperatures is not Recommended.

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**10. Stability and Reactivity**

**10.1 Reactivity**

- No data available
- 10.2 Chemical stability**  
Stable when stored in a closed container at or near room temperature.
- 10.3 Possibility of hazardous reactions**  
No data available
- 10.4 Conditions to avoid**  
No data available
- 10.5 Incompatible materials**  
No data available
- 10.6 Hazardous decomposition products**  
In the event of fire see section 5.

## 11. Toxicological Information

### Information on Toxicological Effects:

<b>Acute toxicity</b>	No data available on product. May show acute toxicity based on precursor chemicals..
<b>Skin corrosion/irritation</b>	Possible skin based on precursor chemicals.
<b>Serious Eye Damage/Irritation</b>	Possible serious eye irritation.
<b>Respiratory or skin sensitization</b>	No data available.
<b>Germ Cell Mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	No data available on product. Precursor chemicals have not been found to be a possible or potential human carcinogen per OSHA, NTP, ACGIH and IHARC.
<b>Reproductive toxicity</b>	No data available
<b>Specific target organ toxicity</b>	No data available.
<b>Aspiration Hazard</b>	No data available.

## 12. Ecological Information

<b>12.1 Toxicity</b>	May be toxic to fish.
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bio accumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT assessment</b>	Not listed as a bio accumulative toxin per EPA
<b>12.6 Other adverse effects</b>	No data available

## 13. Disposal Considerations

### Waste disposal recommendations

To be disposed of as hazardous waste. Dispose of contents/containers in accordance with local/regional/national/international regulations.

## 14. Transport Information

DOT (US)

Not dangerous goods.

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## 15. Regulatory Information

### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

Acute hazards of this material have not been determined. One or more of the precursor materials may be rated as acute health hazard.

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## 16. Other Information

Full text of H-Statements referred to under sections 2 and 3.

Eye Irrit.	Eye irritation
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization

NFPA Health hazard 2 moderately toxic or hazardous material which require additional PPE or equipment (e.g. chemical goggles, lab/work smock, local ventilation) in addition to that required for less toxic material.

NFPA Fire Hazard 1 Materials that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur

NFPA Reactivity Hazard 0 Normally stable, even under fire exposure conditions, and is not reactive with water

### HMIS Rating

Health 2- Temporary or minor injury may occur.  
Flammability 1- Materials that must be preheated before ignition will occur.  
Physical 0- Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react.