

MATERIAL SAFETY DATA SHEET

69403-1

QUICK IDENTIFIER

Common Name (Used on label & list):

May be used to comply with OSHA's Hazard Communication Standard. 29CFR. 1910. 1200. Standard must be committed for specific requirements.

SANIGUARD

SECTION 1 -

Manufacturer

Name: **DEM TECHNOLOGY, LLC**

Address **755 ALBANY STREET** Emergency Phone # **(937) 223-1317**

City, State and Zip **Dayton, OH 45408** Other Information: fax **(937) 223-1380**

Signature of Person
Responsible for Preparation (Optional):

Date:

| | | |
|----------------------------|--|----------|
| H | | |
| HEALTH | | 0 |
| F | | |
| FLAMMABILITY | | 2 |
| R | | |
| REACTIVITY | | 1 |
| PERSONAL PROTECTION | | A |

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY

| Hazardous Components (chemical & common names) | OSHA PEL | ACGIH TLV | Other Exposure % Limits | CAS NO. |
|---|-------------|--------------|----------------------------|------------------|
| Didecyl Dimethyl Ammonium Chloride | | | 0.096% | 7173-51-5 |

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: **130 °F** Specific Gravity (H₂O=1): **1** Vapor Pressure / mmHg: **40 @ RT**

Vapor Density (Air = 1): **1**

Solubility in Water: **Partially Soluble** Reactivity in Water: **None**

Appearance: **Clear - Slight** Melting Point: **N/A**

SECTION 4 – FIRE & EXPLOSION DATA

| | | | | | | |
|----------------------------|--------------|---------------------|------------------------------|--------------------------------------|------------------|------------------|
| Flash Point: | 130 °F | Method Used: | TCC | Flammable Limits in Air % by Volume: | LEL Lower: N. D. | UEL Upper: N. D. |
| Auto-Ignition Temperature: | N. D. | Extinguisher Media: | Foam, CO2, Water, Fog | | | |

Special Fire Fighting Procedures: **Exclude Air, Smother, CO2**

Unusual Fire and Explosion Hazards: **Containers may burst explosively if overheated in fire. This information is based on available scientific evidence known to DEM Technology, LLC. It is provided solely for compliance to the Hazard Communication Standard. This information is furnished without warranty, expressed or implied.**

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

| | | | |
|------------|----------|----------------------|-------------------------------|
| Stability: | Unstable | Conditions to Avoid: | N. A. – Not Applicable |
| | Stable | | N. D. – Not Determined |

Incompatibility (Materials to Avoid): **N. D.**

Hazardous Decomposition Products: **When heated to decomposition – will ignite**

| | | | |
|---------------------------|----------------|----------------------|--------------|
| Hazardous Polymerization: | May Occur | Conditions to Avoid: | N. A. |
| | Will Not Occur | | |

SECTION 6 – HEALTH HAZARDS

1. Acute: **N. A.** 2. Chronic **N. A.**

Signs and
Symptoms of Exposure: **Minor irritation eyes**

Medical Conditions Generally
Aggravated by Exposure **N. D.**

Chemical Listed as Carcinogen Or Potential Carcinogen: National Toxicology Program Yes No **x** L.A.R.C. Monographs Yes No **x** OSHA Yes No **x**

Emergency and
First Aid Procedures: **Obtain medical help if symptoms persist**

ROUTES OF ENTRY

| | |
|----------------|--|
| 1. Inhalation: | No Toxicity or Move to Fresh Air |
| 2. Eyes: | Wash with Cold Water |
| 3. Skin: | No Toxicity or Wash with Cold Water |
| 4. Ingestion: | Drink three to four glasses of Milk or Water Do not induce vomiting |

SECTION 7 – SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Precautions to be taken
in handling and storage: **Do not puncture or incinerate. Exposure to temperatures above 130 °F may cause bursting of container**

Other Precautions: **Keep away from heat, sparks and open flame**

Steps to be Taken in Case
Material is released or spilled: **Contain spill and use absorbents**

Waste Disposal
Methods
(Consult Federal, State and
Local regulations): **Incinerate or dispose of in accordance with Federal, State & Local regulations**

SECTION 8 – SPECIAL PROTECTION INFORMATION / CONTROL MEASURES

Respiratory Protection
(Specify Type) **N. A.**

| | | | | |
|--------------|------------------|------------------------------------|---------|-------|
| Ventilation: | Local Exhaust | Mechanical General XX | Special | Other |
|--------------|------------------|------------------------------------|---------|-------|

| | | | |
|-----------------------|--------------|--------------------|------------------------|
| Protective Gloves: | N. A. | Eye Protection: | USE AS DIRECTED |
|-----------------------|--------------|--------------------|------------------------|

Other Protective
Clothing or Equipment: **N. A.**

Work / Hygienic Practices: **N. A.**

IMPORTANT:
DO NOT LEAVE ANY BLANK SPACES. If required information is unavailable, unknown or does not apply so indicate.