

### ***1. Identification***

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**Name of the product:** TRINI-CIDE  
**Recommended use:** Washing and cleaning liquid  
**Manufactured for:** TRINITY FLUIDS  
550 Edwin Street  
Westland, MI 48186

**Manufacturer:** GREENBLENDZ, Inc.  
4400 Glenmeade Lane  
Auburn Hills, MI 48326

**Emergency Telephone Number:** 800 255-3924 (Chemtrec)

### ***2. Hazard(s) identification***

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**Physical state:** Liquid

**Emergency overview:** CAUTION!  
MAY CAUSE EYE IRRITATION.  
Avoid contact with eyes. Wash thoroughly after handling.

**Potential acute health effects:**

**Eyes:** Moderately irritating to eyes.  
**Skin:** Slightly irritating to the skin.  
**Inhalation:** No known significant effects or critical hazards.  
**Ingestion:** No known significant effects or critical hazards.

### ***3. Composition / Information on ingredients***

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**Chemical identity: Surfactant 1 – 5%**  
**Numbers of identity:** CAS Number: 61789-40-0

**Chemical identity: Surfactant 1 – 5%**  
**Numbers of identity:** CAS Number: 68515-73-1

**Chemical identity: Surfactant 1 – 5%**  
**Numbers of identity:** CAS Number: 110615-47-9

### ***4. First-aid measures***

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## **Inhalation:**

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention.

## **Skin contact:**

Immediately take off all contaminated clothing. Wash contaminated clothing before reuse. For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

## **Eye contact:**

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.

## **Ingestion:**

Do not induce vomiting. If ingestion of a large amount does occur, seek medical attention. Never give anything by mouth to a victim who is unconscious or is having convulsions.

## ***5. Firefighting measures***

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**Flash point :** (> 93.9 °C), > 201 F PMCC, product does not support combustion

### **Hazardous thermal decomposition products:**

Decomposition products may include the following materials:

- carbon dioxide
- carbon monoxide

### **Fire-fighting media and instructions:**

Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

### **Special protective equipment for fire-fighters:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## ***6. Accidental release measures***

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### **Personal precautions:**

Prevent contact with skin or eyes by wearing rubber gloves and approved safety glasses

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with side shields. Spilled material may be extremely slippery under foot. Wear rubber boots with an anti-slip contact surface. Wear protective work clothing. Launder any contaminated clothing before reuse.

### **Environmental precautions:**

Do not release to the environment or water source.

### **Methods and materials for containment and cleaning up:**

For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal in accordance with all applicable local and national regulations.

## ***7. Handling and storage***

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### **Precautions for safe handling:**

Avoid contact with eyes. Avoid prolonged repeated skin contact and breathing mists/vapors.

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

Store at 4° C to 32°C (40° F to 90° F).

Provide adequate ventilation in storage area. Protect from Freezing. Keep away from Fire and Heat (any ignition source). Keep containers closed when not in use. Keep in an area inaccessible to small children.

## ***8. Exposure controls / personal protection***

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### **Exposure Limits:**

None established.

### **Ventilation:**

Proper ventilation in accordance with good industrial hygiene should be provided.

### **Respiratory protection:**

None required in under normal conditions of use.

### **Eye protection:**

Wear approved safety glasses with side shields.

### **Skin protection:**

Wear rubber gloves.

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## ***9. Physical and chemical properties***

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**Physical state:** Thick liquid

**Color:** Orange

**Odor:** Citrus

**pH:** 8 - 9

**Initial boiling point:** (> 100 °C), > 212 F

**Flash point:** (> 93.9 °C), > 201 F PMCC

**Evaporation rate (Water=1):** > 1

**Specific gravity:** (1.01 g/ml), 8.45 lb/gal

**Solubility:** Infinitely miscible in water

**% VOC:** Not established

## ***10. Stability and reactivity***

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**Chemical stability:** Stable.

**Possibility of hazardous reactions:** None are known.

**Conditions to avoid:** Temperatures 130 °F or below 32 °F.

**Materials to avoid:** Strong acids, alkalies and oxidizing agents.

**Hazardous decomposition products:** Upon decomposition, this product may yield oxides of carbon.

**Hazardous Polymerization:** Will not occur.

## ***11. Toxicological information***

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**Acute Toxicity:**

**Potential acute health effects of product:**

**Eyes:** Moderately irritating to eyes.

**Skin:** Slightly irritating to the skin.

**Inhalation:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

**Subchronic/Chronic Toxicity:**

None known.

**Carcinogenicity:**

This product does not contain a listed carcinogen from NTP, ACGIH or IARC.

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## ***12. Ecological information***

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### **Ecotoxicity:**

None known.

## ***13. Disposal considerations***

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### **Waste Disposal:**

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements all federal, state and local regulations.

## ***14. Transport information***

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**Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.**

UN Classification: NOT REGULATED

See shipping documents for specific transportation information.

## ***15. Regulatory information***

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**HCS Classification:** Irritating material

### **Toxic Substances Control Act: (USA):**

All of the materials in this product are listed or exempt.

### **U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: SARA (302)**

This product does not contain materials listed in Appendix A or B as an Extremely Hazardous Substance.

### **SARA (311/312) HAZARD CATEGORIES:**

None.

### **SARA 313:**

This product contains the following SARA 313 Toxic Release Chemicals: None.

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## **CLEAN AIR ACT:**

This product does not contain, and has not contacted during manufacture, any Ozone Depleting Substances.

## **Pennsylvania/New Jersey/Massachusetts Right to Know:**

Refer to Section 3 for listing of hazardous ingredients in concentrations > 1%.

**California Proposition 65:** Components of this product present at a concentration that could require reporting under this statute are: None.

## ***16. Other information***

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### **HMIS HAZARD RATING INFORMATION:**

**HEALTH: 1    FIRE: 0    REACTIVITY: 0**

**4=Extreme  
3=High  
2=Moderate  
1=Slight  
0=Insignificant**

### **HMIS PROTECTION GROUP B:**



**MSDS Preparation date:** February 10, 2015

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