

# Material Safety Data Sheet

Material Name: 3D Green

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

### Manufacturer Information

TRJ Consulting  
120 1st Ave. North  
Altoona, IA 50009

Phone: 515-967-4417

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

May cause skin and eye irritation.

### Potential Health Effects: Eyes

May cause irritation.

### Potential Health Effects: Skin

May cause irritation.

### Potential Health Effects: Ingestion

May cause gastrointestinal irritation if swallowed.

### Potential Health Effects: Inhalation

Not considered a likely route of exposure under normal use conditions.

**HMIS Ratings: Health: 1 Fire: 0 HMIS Reactivity 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
7732-18-5	Water	99.68-99.79 by wt.
7758-19-2	Sodium Chlorite	0.17 by wt.
Trade Secret	Linier Surfactants	0.02-0.09 by wt.
Trade Secret	Coupling Agents	0.02-0.06 by wt.

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes.

### First Aid: Skin

If contact with skin occurs and causes irritation, wash immediately with soap and water.

### First Aid: Ingestion

If material is ingested, immediately contact a physician or poison control center. DO NOT induce vomiting unless directed to do so by medical personnel.

### First Aid: Inhalation

If inhaled, immediately remove the affected person to fresh air.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

Not anticipated to support combustion as manufactured.

### Hazardous Combustion Products

Not determined

### Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

### Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

**NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Contain the discharged material.

### Clean-Up Procedures

Absorb spill with inert material. Shovel material into appropriate container for disposal. Do not allow the spilled product to enter public drainage system or open water courses.

### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

### Special Procedures

Avoid skin contact with the spilled material.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Avoid contact with skin and eyes. Wash thoroughly after handling. Keep away from children, animals, and unauthorized personnel.

### Storage Procedures

Store in a cool, dry, well-ventilated location. Keep containers tightly closed when not in use and open carefully to prevent spillage.

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

### Engineering Controls

Open air or good room ventilation is normally adequate for safe use of this product.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear chemical goggles.

#### Personal Protective Equipment: Skin

Wear impervious gloves for prolonged contact.

#### Personal Protective Equipment: Respiratory

Not needed under normal product use conditions.

#### Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Clear	<b>Odor:</b>	None
<b>Physical State:</b>	Liquid	<b>pH:</b>	ND
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	ND
<b>Boiling Point:</b>	ND	<b>Melting Point:</b>	ND
<b>Solubility (H2O):</b>	ND	<b>Specific Gravity:</b>	ND
<b>Evaporation Rate:</b>	ND	<b>VOC:</b>	ND
<b>Octanol/H2O Coeff.:</b>	ND	<b>Flash Point:</b>	ND
<b>Flash Point Method:</b>	ND	<b>Upper Flammability Limit</b>	ND
		<b>(UFL):</b>	
<b>Lower Flammability Limit</b>	ND	<b>Burning Rate:</b>	ND
<b>(LFL):</b>			
<b>Auto Ignition:</b>	ND		

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

This is a stable material.

### Chemical Stability: Conditions to Avoid

Avoid storing product in conditions which could lead to evaporation.

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## Incompatibility

Keep away from acids, chlorine and chlorine compounds, hypochlorites, organic solvents, sulfure and sulfite compounds, posphorus, compbusitble/flammable materials, and direct sunlight.

## Hazardous Decomposition

Exposure to acids or chlorine compounds can produce uncontrolled generation of chlorine dioxide gas.

## Possibility of Hazardous Reactions

Will not occur.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - LD50/LC50

##### Water (7732-18-5)

Oral LD50 Rat: >90 mL/kg

### Carcinogenicity

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

## \*\*\* Section 12 - Ecological Information \*\*\*

### Ecotoxicity

#### A: General Product Information

No information available for the product.

#### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

## \*\*\* Section 13 - Disposal Considerations \*\*\*

### US EPA Waste Number & Descriptions

### Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT Information

**Shipping Name:** Not Regulated

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations

### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

### State Regulations

#### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

#### Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

### Additional Regulatory Information

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## Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Water	7732-18-5	Yes	DSL	EINECS

## \* \* \* Section 16 - Other Information \* \* \*

### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

### Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.