

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name Tri-Clean Green

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Degreaser - General Purpose - Non-Aerosol

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name Tri-Chem

Supplier Address 431 Stephenson Highway  
Troy  
MI  
48083  
US

Supplier Phone Number Phone: 800-456-6255

Supplier Email

### Emergency telephone number

Company Emergency Phone Number 800-535-5053

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

Emergency Overview

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The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Appearance** Light green

**Physical state** Emulsion Liquid

**Odor** No fragrance added

**Precautionary Statements - Prevention**

Obtain special instructions before use

**Precautionary Statements - Response**

None

**Precautionary Statements - Storage**

None

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other information**

May cause slight eye irritation

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                | CAS No      | Weight-% | Trade Secret |
|------------------------------|-------------|----------|--------------|
| Sodium xylene sulfonate      | 1300-72-7   | 1 - 5    | *            |
| Tetrapotassium pyrophosphate | 7320-34-5   | 1 - 5    | *            |
| Supplier Trade Secret        | Proprietary | 1 - 5    | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

**First aid measures**

**Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist or appear, call a physician.

**Skin contact**

Wash with soap and water.

**Inhalation**

Remove to fresh air.

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

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

**Most Important Symptoms and Effects** No information available.

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

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

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

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Avoid contact with eyes.

**Environmental precautions**

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8.

**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** Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep container tightly closed.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|                       |             |             |                    |
|-----------------------|-------------|-------------|--------------------|
| <b>Physical state</b> | Emulsion,   | <b>Odor</b> | No fragrance added |
| <b>Appearance</b>     | Liquid      |             |                    |
| <b>Color</b>          | Light green |             |                    |

| <u>Property</u>               | <u>Values</u>     | <u>Remarks</u> | <u>Method</u> |
|-------------------------------|-------------------|----------------|---------------|
| pH (as used)                  | 9.4 +/- 0.4       | None           | known         |
| pH (concentrate)              | 9.5 +/- 0.4       | None           | known         |
| Melting / freezing point      | No data available | None           | known         |
| Boiling point / boiling range | 84 °C / 183 °     | None           | known         |
| Flash Point                   | F Not applicable  | None           | known         |
| Evaporation Rate              | = 1               | None           | known         |
| Flammability (solid, gas)     | No data available | None           | known         |
| Flammability Limit in Air     |                   |                |               |
| Upper flammability limit      | No data available |                |               |

|   |                    |            |
|---|--------------------|------------|
| <b>Lower flammability limit</b>               | Not Applicable     |            |
| <b>Vapor pressure</b>                         | No data available  | None known |
| <b>Vapor density</b>                          | 1.0                | None known |
| <b>Specific Gravity</b>                       | 1.01               | None known |
| <b>Water Solubility</b>                       | Completely Soluble | 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>               | Not Applicable     | 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 Applicable     |            |
| <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> |                   |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

**Component Information**

| Chemical Name           | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|-------------------------|----------------------|-------------|-----------------|
| Sodium xylene sulfonate | = 1000 mg/kg ( Rat ) | -           | -               |

|   |                      |                         |   |
|---|----------------------|-------------------------|---|
| 1300-72-7                                 |                      |                         |   |
| Tetrapotassium pyrophosphate<br>7320-34-5 | -                    | > 4640 mg/kg ( Rabbit ) | - |
| Supplier Trade Secret                     | = 1260 mg/kg ( Rat ) | -                       | - |

### Information on toxicological effects

**Symptoms** No information available.

### 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 no ingredient listed as a carcinogen.

**Reproductive toxicity** No information available.

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

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

**Chronic Toxicity** No known effect based on information supplied.

**Target Organ Effects** None known.

**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

**ATEmix (oral)**  
20,861.00 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated.

| Chemical Name                             | Toxicity to Algae  | Toxicity to Fish   | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---|--|--|----------------------------|----------------------------|
| Tetrapotassium pyrophosphate<br>7320-34-5 |  | 96h LC50: > 100 mg/L<br>(Oncorhynchus mykiss)  |                            | 48h EC50: > 100 mg/L       |
| Supplier Trade Secret                     | 96h EC50: = 29 mg/L<br>(Pseudokirchneriella subcapitata) | 96h LC50: = 10.8 mg/L<br>(Oncorhynchus mykiss) 96h<br>LC50: 3.5 - 10 mg/L<br>(Brachydanio rerio) |                            | 48h EC50: = 5.88 mg/L      |

### Persistence and Degradability

No information available.

### Bioaccumulation

No information available

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

## 14. TRANSPORT INFORMATION

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON REGULATED  
 N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA**  
**Proper Shipping Name** Not regulated  
**Hazard Class** NON REGULATED  
 N/A

|                     |               |
|---------------------|---------------|
| <b>IMDG/IMO</b>     | Not regulated |
| <b>Hazard Class</b> | N/A           |
| <b>RID</b>          | Not regulated |
| <b>ADR</b>          | Not regulated |
| <b>ADN</b>          | Not regulated |

## 15. REGULATORY INFORMATION

### International Inventories

|      |  |
|------|--|
| TSCA | Complies   |
| DSL  | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### 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 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

|                                   |    |
|-----------------------------------|----|
| Acute Health Hazard               | No |
| Chronic Health Hazard             | No |
| Fire Hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | No |

#### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name         | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-----------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Supplier Trade Secret | 1000 lb                     |                        |                           | X                          |

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name         | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ  |
|-----------------------|--------------------------|------------------------------------|---|
| Supplier Trade Secret | 1000 lb                  |                                    | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

| Chemical Name      | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--------------------|------------|---------------|--------------|--------------|----------|
| Water<br>7732-18-5 |            |               | X            |              |          |



|                       |   |   |   |   |  |
|-----------------------|---|---|---|---|--|
| Supplier Trade Secret | X | X | X | X |  |
|-----------------------|---|---|---|---|--|

**International Regulations**

**Canada**

**WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

|             |                         |                       |                          |   |
|-------------|-------------------------|-----------------------|--------------------------|---|
| <b>NFPA</b> | <b>Health Hazards</b> 0 | <b>Flammability</b> 0 | <b>Instability</b> 0     | <b>Physical and Chemical Hazards - Personal Protection</b><br>X |
| <b>HMIS</b> | <b>Health Hazards</b> 0 | <b>Flammability</b> 0 | <b>Physical Hazard</b> 0 |   |

**Prepared By** Product Stewardship  
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**Revision Date** 15-May-2018

**Revision Note** No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**