SAFETY DATA SHEET

Issuing Date 15-Dec-2014  Revision Date N/A  Revision Number N/A

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

GHS Product Identifier

Product Name: Dark Green SportMaster Color Concentrate

Other Means of Identification

Product Code(s): C1082

Synonyms None

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: No Information Available

Uses Advised Against: No Information Available

Supplier's Details

Supplier Address
ThorWorks Industries, Inc.
2520 S. Campbell St.
Sandusky, OH 44870
TEL: 800-326-1994
www.sealmaster.net

Manufacturer Address
ThorWorks Industries, Inc.
2520 S. Campbell St.
Sandusky, OH 44870
TEL: 800-326-1994
www.sealmaster.net

Emergency Telephone Number

Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Acute Oral Toxicity: Category 4

GHS Label Elements, Including Precautionary Statements

Emergency Overview

Signal Word Warning
● Harmful if swallowed

Appearance: Green  Physical State: Liquid  Odor: Mild
Precautionary Statements
Prevention
● Wash face, hands, and any exposed skin thoroughly after handling.
● Do not eat, drink, or smoke when using this product.

General Advice
Ingestion
● None

Ingestion
● If SWALLOWED; Call a POISON CENTER or doctor/physician if you feel unwell.

Storage
● None

Disposal
● Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)
Not applicable

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium (III) Oxide</td>
<td>1308-38-9</td>
<td>0-10</td>
<td>*</td>
</tr>
<tr>
<td>Cellulose</td>
<td>9004-34-6</td>
<td>0-5</td>
<td>*</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>107-21-1</td>
<td>0-5</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of Necessary First-Aid Measures
Eye Contact
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact
Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions, see a physician.

Inhalation
Move to fresh air. If symptoms persist, call a physician.

Ingestion
Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most Important Symptoms/Effects, Acute and Delayed
No information available

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician
Treat Symptomatically. May cause sensitization by skin contact.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Unsuitable Extinguishing Media
None

Specific Hazards Arising from the Chemical
No information available

Explosion Data
Sensitivity to Mechanical Impact
None
Sensitivity to Static Discharge
None

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: Use personal protective equipment.

Environmental Precautions

Environmental Precautions: See Section 12 for additional Ecological Information. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and Materials for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Wear personal protective equipment. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling.

Conditions for Safe Storage, Including Any Incompatibilities

Storage: Keep container tightly closed


8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium (III) Oxide</td>
<td>TWA: 0.5 mg/m³ Cr</td>
<td>TWA: 0.5 mg/m³ Cr (vacated)</td>
<td>IDLH: 25 mg/m³ Cr (III)</td>
</tr>
<tr>
<td>1308-38-9</td>
<td></td>
<td>TWA: 0.5 mg/m³ Cr</td>
<td>TWA: 0.5 mg/m³ Cr</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>Ceiling: 100 mg/m³ aerosol only</td>
<td>(vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m³</td>
<td>-</td>
</tr>
<tr>
<td>107-21-1</td>
<td></td>
<td>(vacated) Ceiling: 125 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Measures: Showers
Eyewash Stations
Ventilation Systems

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: If splashes are likely to occur, wear: Safety glasses with side shields.

Skin and Body Protection: Impervious gloves.

Respiratory Protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Appearance</th>
<th>Odor</th>
<th>Odor Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Green</td>
<td>Mild</td>
<td>No Information Available</td>
</tr>
</tbody>
</table>
### Property Values

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>100° C</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Density</td>
<td>1.107 @ 77 F</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Easily dispersible</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammable Properties</td>
<td>Not Flammable</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

#### Other Information

VOC Content: No data available

### 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:** Incompatible products.

**Incompatible Materials:** Strong oxidizing agents. Strong bases.

**Hazardous Decomposition Products:** Carbon Monoxide (CO), Carbon Dioxide (CO₂), and unburned hydrocarbons (smoke)

### 11. TOXICOLOGICAL INFORMATION

#### Information on Likely Routes of Exposure

**Product Information**

- **Inhalation:** May cause irritation of respiratory tract.
- **Eye Contact:** Contact with eyes may cause irritation.
- **Skin Contact:** May cause irritation.
- **Ingestion:** Harmful if swallowed.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD₅₀ Oral (Rat)</th>
<th>LD₅₀ Dermal (Rabbit)</th>
<th>LD₅₀ Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol</td>
<td>4000 mg/kg</td>
<td>9530 µL/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

**Symptoms Related to the Physical, Chemical, and Toxicological Characteristics**

**Symptoms:** No information available.

**Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure**

**Sensitization:** No information available.

**Mutagenic Effects:** No information available.

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.
Chemical Name | ACGIH | IARC | NTP | OSHA
--- | --- | --- | --- | ---
Chromium (III) Oxide | | Group 3 | |

**IRAC: (International Agency for Research on Cancer)**
Group 3 – Not Classifiable as to its Carcinogenicity to Humans

Reproductive Toxicity: No information available.
STOT - Single Exposure: No information available.
STOT – Repeated Exposure: No information available.
Aspiration Hazard: No information available.

**Numerical Measures of Toxicity – Product**
*The following values are calculated based on Chapter 3.1 of the GHS document*

**LD50 Oral:** 1066 mg/kg; Acute toxicity estimate

### 12. ECOLOGICAL INFORMATION

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol 107-21-1</td>
<td>EC50 96h: 6500-13000 mg/L (Pseudokirchneriella subcapitata)</td>
<td>LC50 96 h: 14-18 mL/L static (Oncorhynchus mykiss) LC50 96 h: 40000-60000 mg/L static (Pimephales promelas) LC50 96 h: = 16000 mg/L static (Poecilia reticulata) LC50 96 h: = 27540 mg/L static (Lepomis macrochirus) LC50 96 h: = 40761 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 41000 mL static (Oncorhynchus mykiss)</td>
<td>EC50 = 10000 mg/L 16h EC50 = 620 mg/L 30 min. EC50 = 620.0 mg/L 30 min.</td>
<td>EC50 48h: = 46300 mg/L (Daphnia magna)</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Persistence and Degradability: No information available.

Bioaccumulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol</td>
<td>-1.93</td>
</tr>
</tbody>
</table>

Other Adverse Effects: No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste 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:** Do not re-use empty containers.

### 14. TRANSPORTATION INFORMATION

**DOT:** Not regulated

### 15. REGULATORY INFORMATION

**International Inventories**
- **TSCA – Complies**
- **DSL/NDSL – Complies**

**Legend**
- **TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List
U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
<th>SARA 313 – Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium (III) Oxide</td>
<td>1308-38-9</td>
<td>0-10</td>
<td>1.0</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>107-21-1</td>
<td>0-5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

- Acute Health Hazard: Yes
- Chronic Health Hazard: No
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: No

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):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA – Reportable Quantities</th>
<th>CWA – Toxic Pollutants</th>
<th>CWA – Priority Pollutants</th>
<th>CWA – Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium (III) Oxide</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

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).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol</td>
<td>5000 lb.</td>
<td></td>
<td>RQ 5000 lb. final RQ</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65:

None

U.S. State Right-To-Know Regulations

“X” designates that the ingredients are listed on the state right to know list.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium (III) Oxide</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information

EPA Pesticide Registration Number: Not applicable

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Health Hazard:</th>
<th>Flammability:</th>
<th>Instability:</th>
<th>Physical and Chemical Hazards- Personal Protection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
<tr>
<td>HMIS</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Revision Date: 15-Dec-2014

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.