1. PRODUCT AND COMPANY IDENTIFICATION

Product Name
Green Klean® – Bleach Tablets

UN-No
UN2465

Recommended Use
Bleach.

Supplier Address
SOP Green Klean®
615 Industrial Dr, Suite D
Cary, IL 60013
Phone: 815-479-0460
Contact: Bill Becker / Jim Parks - Technical needs
Contact Phone: 815-479-0460 Fax 815-479-0461
Emergency Phone: 610-551-9500 or 800-733-3665 24 hr Day

Company Emergency Phone Number
610-551-9500 24hr.

2. HAZARDS IDENTIFICATION

WARNING!

Appearance: White
Physical State: Solid, Solid, powder.
Odor: Chlorine

Potential Health Effects
Principle Routes of Exposure

Acute Toxicity
Eyes
Risk of serious damage to eyes.
Skin
Irritating to skin.
Inhalation
Irritating to respiratory system.
Ingestion
Harmful if swallowed. Ingestion may cause irritation to mucous membranes.

Chronic Effects

Aggravated Medical Conditions
None Known

Environmental Hazard
See Section 12 for additional Ecological Information.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dichloroisocyanurate dihydrate</td>
<td>51580-86-0</td>
<td>25-100</td>
</tr>
<tr>
<td>Citric acid monohydrate</td>
<td>5949-29-1</td>
<td>1-10</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>1-10</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye Contact
In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Call a physician immediately.

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Skin Contact
Move victim to fresh air. Apply artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If symptoms persist, call a physician.

Inhalation
Call a physician immediately. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Drink plenty of water.

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

Notes to Physician
Keep victim warm and quiet. Treat symptomatically.

Protection of First-aiders
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Flammable Properties
Oxidizer.

Flash Point
Not determined.

Suitable Extinguishing Media
Use water. Do not use dry chemicals or foams. CO₂ or Halon may provide limited control. Flood fire area with water from a distance. Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out.

Uniform Fire Code
- Irritant: Solid
- Oxidizer: Class 2--Solid

This product contains a Class 2 Oxidizer as defined by the Uniform Fire Code

Hazardous Combustion Products
Chlorine compounds. Carbon oxides.

Explosion Data
Sensitivity to Mechanical Impact
No.
Sensitivity to Static Discharge

Specific Hazards Arising from the Chemical
These substances will accelerate burning when involved in a fire. Some may decompose explosively when heated or involved in a fire. May ignite combustibles (wood paper, oil, clothing, etc.). Runoff may create fire or explosion hazard.

Protective Equipment and Precautions for Firefighters
Do not move cargo or vehicle if cargo has been exposed to heat. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. ALWAYS stay away from tanks engulfed in fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Health Hazard 3
Flammability 0
Stability 1
Physical and Chemical Hazards OX

NFPA

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stop leak if you can do it without risk.

Environmental Precautions
Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Refer to protective measures listed in Sections 7 and 8.

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

Methods for Cleaning Up
Use personal protective equipment. Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

Other Information
Keep combustibles (wood, paper, oil, etc) away from spilled material. DO NOT GET WATER INSIDE CONTAINERS.

7. HANDLING AND STORAGE

Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Do NOT mix with acids Keep away from clothing and other combustible materials

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Keep out of the reach of children. Oxidizers must be separated from flammables by at least 20 feet (or fire wall).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment
Eye/Face Protection
Tightly fitting safety goggles.
Protective gloves.

Skin and Body 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.

Respiratory Protection
Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White</td>
</tr>
<tr>
<td>Odor</td>
<td>Chlorine</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid, solid powder</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No information available</td>
</tr>
<tr>
<td>Explosion Limits</td>
<td>No information available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Solubility</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition Coefficient: n-octanol/water</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under recommended storage conditions.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Protect from moisture</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Chlorine. Carbon oxides.</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Hazardous polymerization does not occur.</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dichloroisocyanurate dihydrate</td>
<td>735 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>&gt; 50 mg/L (Rat) 1 h</td>
</tr>
<tr>
<td>Citric acid monohydrate</td>
<td>3000 mg/kg (Rat)</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>4090 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Chronic Toxicity

No known effect based on information supplied.

Target Organ Effects

None known.

Endocrine Disruptor Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EU - Endocrine Disrupters</th>
<th>EU - Endocrine Disruptors - Evaluated Substances</th>
<th>Japan - Endocrine Disruptor Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dichloroisocyanurate dihydrate</td>
<td>Group III Chemical</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity
The environmental impact of this product has not been fully investigated. Contains a substance which is: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

<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>Sodium dichloroisocyanurate dihydrate</td>
<td>LC50: 0.25 - 1 mg/L (96 h static) Lepomis macrochirus</td>
<td>LC50: 0.13 - 0.36 mg/L (96 h static) Oncorhynchus mykiss</td>
<td>EC50: 0.00018 - 0.00021 mg/L (48 h) Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50: 0.207 - 0.389 mg/L (96 h flow-through) Lepomis macrochirus</td>
<td>LC50: 0.176 - 0.267 mg/L (96 h flow-through) Oncorhynchus mykiss</td>
<td>EC50: 0.093 - 0.16 mg/L (48 h) Daphnia magna</td>
<td></td>
</tr>
<tr>
<td>Citric acid monohydrate</td>
<td>LC50: 1516 mg/L (96 h static) Lepomis macrochirus</td>
<td>EC50: 120 mg/L (72 h) Daphnia magna</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EC50: 242 mg/L (120 h) Nitzschia</td>
<td>LC50: 300 mg/L (96 h static) Lepomis macrochirus</td>
<td>EC50: 265 mg/L (48 h) Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50: 310 - 1220 mg/L (96 h static) Pimephales promelas</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging
Dispose of in accordance with local regulations.

US EPA Waste Number
D001

California Hazardous Waste Codes
141
This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California EHW</th>
<th>California Carc</th>
<th>California Hazardous Waste</th>
<th>California Waste - Part 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dichloroisocyanurate dihydrate</td>
<td></td>
<td></td>
<td></td>
<td>Ignitable</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td></td>
<td></td>
<td></td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

### 14. TRANSPORT INFORMATION

**DOT**

UN-No: UN2465  
Proper Shipping Name: Dichloroisocyanuric acid, dry  
Hazard Class: 5.1  
Subsidiary Class:  
Packing Group: II  
Description: UN2465, Dichloroisocyanuric acid, dry, 5.1, PG II  
Emergency Response Guide Number: 140

**TDG**

UN-No: UN2465  
Proper Shipping Name: Dichloroisocyanuric acid, dry  
Hazard Class: 5.1  
Packing Group: II  
Description: UN2465, Dichloroisocyanuric acid, dry, 5.1, PG II

**MEX**

UN-No: UN2465  
Proper Shipping Name: Dichloroisocyanuric acid, dry  
Hazard Class: 5.1  
Packing Group: II  
Description: UN2465 Dichloroisocyanuric acid, dry, 5.1, II

**ICAO**

UN-No: UN2465  
Proper Shipping Name: Dichloroisocyanuric acid, dry  
Hazard Class: 5.1  
Packing Group: II  
Description: UN2465, Dichloroisocyanuric acid, dry, 5.1, PG II

**IATA**

UN-No: UN2465  
Proper Shipping Name: Dichloroisocyanuric acid, dry  
Hazard Class: 5.1  
Packing Group: II  
ERG Code: 5L  
Description: UN2465, Dichloroisocyanuric acid, dry, 5.1, PG II

**IMDG/IMO**

UN-No: UN2465  
Proper Shipping Name: Dichloroisocyanuric acid, dry  
Hazard Class: 5.1  
Packing Group: II  
EmS No.: F-A, S-Q
Marine Pollutant

Product is a marine pollutant according to the criteria set by IMDG/IMO
UN2465, Dichloroisocyanuric acid, dry, 5.1.PG II

Description

UN-No
UN2465

Proper Shipping Name
Dichloroisocyanuric acid, dry

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Does not Comply
EINECS/ELINCS Does not Comply
ENCS Does not Comply
IECSC Complies
KECL Does not Comply
PICCS Complies
AICS Complies

U.S. 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: Yes
- Chronic Health Hazard: No
- Fire Hazard: No
- Sudden Release of Pressure Hazard: No
- Reactive Hazard: Yes

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Massachusetts</th>
<th>New Jersey</th>
<th>Pennsylvania</th>
<th>Illinois</th>
<th>Rhode Island</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium dichloroisocyanurate</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>dihydrate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium sulfate</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

International Regulations
Mexico - Grade

Slight risk, Grade 1

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
C  Oxidizing materials
D1B  Toxic materials
D2B  Toxic materials

16. OTHER INFORMATION

Issuing Date  25-Apr-2011
Revision Date  25-Apr-2011
Revision Note  No information available

General 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