1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name: CITRAL GREEN (concentrated Citral solvent cleaner/degreaser)
Item# 464-09-015-01 Case of 4 1-Gallon Jugs;
Item# 464-09-015-05 Pail of 5 gallons;
Item# 464-09-015-55 Drum of 55 gallons

Other Means of Identification
SDS # not determined
UN/ID No not determined
Product Code not determined

Recommended Use of the Chemical and Restrictions on Use
Recommended Use: Industrial use cleaning agent for general cleaning and degreasing

Details of the Supplier of the Safety Data Sheet
Supplier Address
Illinois Correctional Industries
1301 Concordia Court
P.O. Box 19277
Springfield, IL 62794-9277

Emergency Telephone Number
Company Phone Number 1-800-634-0213 (Illinois Correctional Industries – Springfield)
Emergency Telephone 1-800-222-1222 (Poison Control Center)

2. HAZARDS IDENTIFICATION

Physical State: Liquid.

Classification

<table>
<thead>
<tr>
<th></th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Eye damage/irritation</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

Signal Word
Warning

Hazard Statements
Causes eye irritation.
Causes skin irritation.
Precautionary Statements – Prevention
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling.

Precautionary Statements - Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritant persists: Get medical attention.

Precautionary Statements - Storage
Keep away from sparks and/or open flame. Keep container closed when not in use. Wash thoroughly after handling.
Protect from freezing.

Precautionary Statements - Disposal
Dispose of content/container to an approved waste disposal plant.

Hazards Not Otherwise Classified (HNOC)
Other Hazards
None Known

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus Terpenes</td>
<td>94266-47-4</td>
<td></td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>68439-46-3</td>
<td></td>
</tr>
</tbody>
</table>

** If chemical name/CAS number is “proprietary” and/or weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

4. FIRST AID MEASURES

First Aid Measures

- **Inhalation**
  Not an expected route of exposure. If vapors or mist cause irritation, remove subject to fresh air.

- **Eye Contact**
  Flush eyes with water for at least 15 minutes and call a physician immediately.

- **Ingestion**
  DO NOT induce vomiting. Dilute by drinking water. Call a physician immediately.

- **Skin Contact**
  Wash affected areas with large amounts of soap and water. If irritation persists call physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms
Prolonged contact may even cause severe skin irritation or redness.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians
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
- not determined

Specific Hazards Arising from the Chemical
- Non-flammable solution
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 as required.

**Environmental Precautions**  See Section 12 for additional ecological information.

Methods and Material for Containment and Cleaning Up

**Methods for Containment**  Prevent further leakage or spillage if safe to do so. Dike ahead of large spills to prevent run-off.

**Methods for Cleaning Up**  Mop, pump or take up with sand or other inert absorbent, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

**Advice on Safe Handling**  Handle in accordance with good industrial hygiene and safety practice, Use only in well-ventilated areas. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions**  Keep containers tightly closed in a dry, cool and well-ventilated place.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline

No exposure limits noted for ingredient(s)

Appropriate Engineering Controls

**Engineering Controls**  Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection**  Avoid contact with eyes, wear approved safety glasses/goggles.

**Skin and Body Protection**  Wear suitable protective clothing.

**Respiratory Protection**  Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations**  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>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical State</strong></td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Clear, liquid</td>
<td></td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Clear, green</td>
<td></td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Orange scent</td>
<td></td>
</tr>
<tr>
<td><strong>Odor Threshold</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>12.8</td>
<td></td>
</tr>
<tr>
<td><strong>Melting Point/Freezing Point</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Boiling Point/Boiling Range</strong></td>
<td>&gt; 100°C</td>
<td></td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>&gt; 125°C</td>
<td></td>
</tr>
<tr>
<td><strong>Evaporation Rate</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Flammability (Solid, Gas)</strong></td>
<td>N/A – liquid</td>
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</tr>
<tr>
<td><strong>Upper Flammability Limits</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Lower Flammability Limit</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Vapor Pressure</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Vapor Density</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Specific Gravity (H2O=1)</strong></td>
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</tr>
<tr>
<td><strong>Water Solubility</strong></td>
<td>COMPLETE</td>
<td></td>
</tr>
<tr>
<td><strong>Solubility in Other Solvents</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Partition Coefficient</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Auto-ignition Temperature</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Decomposition Temperature</strong></td>
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</tr>
<tr>
<td><strong>Kinematic Viscosity</strong></td>
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<tr>
<td><strong>Dynamic Viscosity</strong></td>
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<tr>
<td><strong>Explosive Properties</strong></td>
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</tr>
<tr>
<td><strong>Oxidizing Properties</strong></td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

## 10. STABILITY AND REACTIVITY

**Reactivity** - Not reactive under normal conditions.

**Chemical Stability** - Stable under recommended storage conditions.

**Possibility of Hazardous Reactions** - None under normal processing.

**Conditions to Avoid** - Keep out of reach of children.

**Incompatible Materials** – None known based on information supplied.

**Hazardous Decomposition Products** – None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

**Product Information**

**Inhalation**

Avoid breathing vapors or mists.

**Eye Contact**

Avoid contact with eyes.
Skin Contact  May cause an allergic skin reaction. Causes skin irritation. May be harmful in contact with skin.

Ingestion  Do not taste or swallow.

Information on Physical, Chemical and Toxicological Effects

Symptoms - Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity - Not classifiable as a human carcinogen

Numerical Measures of Toxicity - Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity – Not determined

Persistence and Degradability - Not determined

Bioaccumulation - Not determined

Mobility - Not determined

Other Adverse Effects - Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes  Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging  Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note  Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT  Not Regulated

IATA  Not Regulated

IMDG

Marine Pollutant  This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

Not Determined
Legend:

- **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- **EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- **ENCS** - Japan Existing and New Chemical Substances
- **IECSC** - China Inventory of Existing Chemical Substances
- **KECL** - Korean Existing and Evaluated Chemical Substances
- **PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations**

- **SARA 313**
  Not determined

**US State Regulations**

- **U.S. State Right-to-Know Regulations**
  Not determined

### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th><strong>NFPA</strong></th>
<th>Health</th>
<th><strong>Flammability</strong></th>
<th>Instability</th>
<th><strong>Special Hazards</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hazard</strong></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
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<table>
<thead>
<tr>
<th><strong>HMIS</strong></th>
<th>Health</th>
<th><strong>Flammability</strong></th>
<th>Physical</th>
<th><strong>Personal</strong></th>
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<tbody>
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<td>Hazards</td>
<td>Protection</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>Not</td>
<td>Not</td>
</tr>
<tr>
<td></td>
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<td>determined</td>
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</table>

**Issue Date**
**Revision Date**
**Revision Note**
New format

**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