



# Safety Data Sheet

Issue Date: 08-Sep-2010

Revision Date: 20-Apr-2015

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Clean All

### Other means of identification

**SDS #** MTC-003

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

**Recommended Use** Cleaning agent.

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

#### Supplier Address

MetroTech Chemicals, Inc.  
2101 Wilkinson Blvd.  
Charlotte, NC 28208

#### Emergency Telephone Number

**Company Phone Number** Phone: 1-704-525-3600  
Fax: 1-704-525-5156  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear liquid

**Physical State** Liquid

**Odor** Orange

### Classification

|                                   |            |
|-----------------------------------|------------|
| Flammable Liquids                 | Category 4 |
| Skin corrosion/irritation         | Category 2 |
| Serious eye damage/eye irritation | Category 2 |

### Signal Word

**Warning**

### Hazard Statements

Combustible liquid  
Causes skin irritation  
Causes serious eye irritation



**Precautionary Statements – Prevention**

Keep away from heat/sparks/open flames/hot surfaces. · No smoking  
 Wear protective gloves/protective clothing/eye protection  
 Wash hands and any exposed skin thoroughly after handling

**Precautionary Statements – Response**

IN CASE OF FIRE: Use CO<sub>2</sub>, dry chemical, or foam for extinction  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash it before reuse

**Precautionary Statements – Storage**

Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                   | CAS No    | Weight-% |
|---------------------------------|-----------|----------|
| Ethylene Glycol Monobutyl Ether | 111-76-2  | 5-10     |
| Monoethanolamine                | 141-43-5  | 1-5      |
| d-limonene                      | 5989-27-5 | 1-5      |

\*\*If Chemical Name/CAS No 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**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention. |
| <b>Skin Contact</b> | Wash of immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.             |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Clean mouth out with water and drink afterwards plenty of water.   |

**Most important symptoms and effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Contact will cause irritation and redness to exposed areas. |
|-----------------|---|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray (fog). Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Not determined.

**Hazardous Combustion Products** Carbon oxides.**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.**Methods and material for containment and cleaning up****Methods for Containment** Prevent further leakage or spillage if safe to do so.**Methods for Clean-Up** Keep in suitable, closed containers for disposal.**7. HANDLING AND STORAGE****Precautions for safe handling****Advice on Safe Handling** Wash thoroughly after handling. Use personal protection recommended in Section 8.**Conditions for safe storage, including any incompatibilities****Storage Conditions** Keep container tightly closed in a dry, cool and well ventilated place.**Incompatible Materials** Strong acids.**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

| Chemical Name                               | ACGIH TLV   | OSHA PEL   | NIOSH IDLH   |
|---|-------------|--|--|
| Ethylene Glycol Monobutyl Ether<br>111-76-2 | TWA: 20 ppm | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup> |
| Monoethanolamine<br>141-43-5                | TWA: 3 ppm  | 3 ppm<br>(6 mg/m <sup>3</sup> )<br>TWA   | 30 ppm   |

**Appropriate engineering controls****Engineering Controls** Ensure adequate ventilation especially in confined areas..**Individual protection measures, such as personal protective equipment**

|                                       |  |
|---------------------------------------|--|
| <b>Eye/Face Protection</b>            | Risk of contact; Wear approved safety goggles.                         |
| <b>Skin and Body Protection</b>       | Wear suitable protective clothing.                                     |
| <b>Respiratory Protection</b>         | Ensure adequate ventilation, especially in confined areas.             |
| <b>General Hygiene Considerations</b> | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                   |                       |                |
|-----------------------|-------------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid            | <b>Odor</b>           | Orange         |
| <b>Appearance</b>     | Clear liquid      | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Fluorescent green |                       |                |

| <u>Property</u>              | <u>Values</u>         | <u>Remarks • Method</u> |
|------------------------------|-----------------------|-------------------------|
| pH                           | Not determined        |                         |
| Melting Point/Freezing Point | Not determined        |                         |
| Boiling Point/Boiling Range  | 100 °C / 212 °F       |                         |
| Flash Point                  | >93.3 °C / >200 °F    | Tag Closed Cup          |
| Evaporation Rate             | Not determined        |                         |
| Flammability (Solid, Gas)    | Liquid-Not applicable |                         |
| Upper Flammability Limits    | Not determined        |                         |
| Lower Flammability Limit     | Not determined        |                         |
| Vapor Pressure               | Not determined        |                         |
| Vapor Density                | Not determined        |                         |
| Specific Gravity             | Not determined        |                         |
| Water Solubility             | Not determined        |                         |
| Solubility in other solvents | Not determined        |                         |
| Partition Coefficient        | Not determined        |                         |
| Auto-ignition Temperature    | Not determined        |                         |
| Decomposition Temperature    | Not determined        |                         |
| Kinematic Viscosity          | Not determined        |                         |
| Dynamic Viscosity            | Not determined        |                         |
| Explosive Properties         | Not determined        |                         |
| Oxidizing Properties         | Not determined        |                         |
| VOC Content                  | Not determined        |                         |
| Density                      | Not determined        |                         |

## 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.

**Hazardous Polymerization** Under normal conditions of storage and use, hazardous polymerization will not occur.

### Conditions to Avoid

Incompatible Materials.

### Incompatible Materials

Strong acids.

**Hazardous Decomposition Products**

Not known.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

|                     |                                 |
|---------------------|---------------------------------|
| <b>Eye Contact</b>  | Causes serious eye damage.      |
| <b>Skin Contact</b> | Causes skin irritation.         |
| <b>Inhalation</b>   | Avoid breathing vapors or mist. |
| <b>Ingestion</b>    | Do not ingest.                  |

**Component Information**

| Chemical Name                                    | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|--|----------------------|-------------|-----------------|
| Disodium metasilicate pentahydrate<br>10213-79-3 | = 847 mg/kg ( Rat )  | -           | -               |
| Sodium xylene sulfonate<br>1300-72-7             | = 7200 mg/kg ( Rat ) | -           | -               |
| Sodium carbonate<br>497-19-8                     | = 4090mg/kg ( Rat )  | -           | -               |
| Sodium polyacrylate<br>9003-04-7                 | >40g/kg ( Rat )      | -           | -               |
| Cocamidopropyl betaine<br>61789-40-0             | = 4900mg/kg ( Rat )  | -           | -               |

**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** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

| Chemical Name                | Algae/aquatic plants              | Fish  | Toxicity to microorganisms | Crustacea                            |
|------------------------------|-----------------------------------|---|----------------------------|--------------------------------------|
| Sodium carbonate<br>197-19-8 | 242: 120 h Nitzschia mg/L<br>EC50 | 300: 96 h Lepomis<br>macrochirus mh/L LC50<br>static 310- 1220: 96h<br>Pimephales promelas mg/L<br>LC 50 static |                            | 265: 48 h Daphnia magna<br>mg/L EC50 |

**Persistence/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**

Not regulated

**15. REGULATORY INFORMATION****International Inventories**

Not determined

**US Federal Regulations****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).

**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

**CWA (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)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

Not determined.

**16. OTHER INFORMATION****NFPA****Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical Hazards**

Not determined

**Personal Protection**

Not determined

**Issue Date:** 08-Sep-2010**Revision Date:** 20-Apr-2015**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**