



# Safety Data Sheet

Issue Date: 09/29/14

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Version: 1

## 1. PRODUCT IDENTIFICATION

- 1.1 Product Name:** Heavy Duty Cleaner Concentrate  
Product Number: J116- 1  
Product Type: Green
- 1.2 Product Use:** Cleaning Compound
- 1.3 Manufacturer:**  
Name: Mass Cor Industries  
Address: 1 Industries Drive  
PO Box 188  
Norfolk MA 02056  
Business Phone: 508 - 850 - 1070
- 1.4 Emergency Phone Numbers:** **800-424-9300 (CHEMTREC 24hrs)**  
The CHEMTREC number is to be called only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.  
**800-222-1222 (Poison Control)**

## 2. HAZARD IDENTIFICATION

- EMERGENCY OVERVIEW:** This product is a orange colored liquid.  
**Health Hazards:** May cause serious eye irritation and damage.  
May cause skin irritation.  
May cause respiratory irritation.
- Flammability Hazards:** Non-flammable solution
- Reactivity Hazards:** None known.
- Environmental Hazards:** Harmful to aquatic life.

GHS Hazard Symbol(s)



Non-Regulated Material  
Signal Word: **Warning!**

### 2.1 GHS Labeling and Hazard Classification:

This product does meet the definition of a hazardous substance or preparation as defined by Health Canada and the OSHA (as described in 29 CFR 1910.1200(d))

#### Component(s) Contributing to Classification(s)

All Ingredients

### 2.2 Label Elements:

**GHS Hazard Classification(s):** Eye Irritation, Category 2B

<b>Hazard Statement(s):</b>	Aquatic Toxicity, Acute and Chronic, Category 3 Causes serious eye irritation Harmful to Aquatic life
<b>Precautionary Statement(s)</b>	Harmful to aquatic life with long lasting effects Wash face, hands, and any exposed skin thoroughly after handling. Avoid release to the environment.
<b>Response Statement(s):</b>	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.
<b>Disposal Statement(s):</b>	Dispose of contents/container to an approved waste disposal plant
<b>Other Hazard(s):</b>	Harmful to aquatic life with long lasting effects

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium Citrate	68-04-02	1-5
Alcohols, C9-11, branched and linear, ethoxylated	68439-46-3	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

#### 4.1 Description of First-Aid Measure:

<b>Eye Contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
<b>Skin Contact:</b>	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention
<b>Inhalation:</b>	Remove to fresh air.
<b>Ingestion:</b>	Clean mouth with water and drink afterwards plenty of water.

#### 4.2 Symptoms and Effects:

**Acute and Delayed:** May cause irritation and redness

#### 4.3 Recommendations to Physician:

Treat symptoms and eliminate overexposure.

### 5. FIRE-FIGHTING MEASURES

#### 5.1 Fire Extinguishing Material:

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

#### 5.2 Unusual Fire and Explosion Hazards

Not determined

#### 5.3 Special Fire-Fighting Procedures:

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

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment as required

### 6.2 Environmental Precautions:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils

### 6.3 Spill and Leak Response:

Prevent further leakage or spillage if safe to do so and keep in suitable, closed containers for disposal

## 7. HANDLING / STORAGE

### 7.1 Precautions for Safe Handling:

Use personal protection recommended in Section 8. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid breathing vapors or mists.

### 7.2 Storage and Handling Practices:

**Storage conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place  
**Incompatible materials:** None known based on information supplied

### 7.3 Specific End Uses:

Heavy duty cleaner

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters:

No exposure limits noted for ingredient(s)

### 8.2 Exposure Controls:

#### Ventilation and Engineering Controls:

Apply technical measures to comply with the occupational exposure limits

#### Eye Protection:

Avoid contact with eyes.

#### Skin / 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 / CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties:

<b>APPEARANCE (Physical State) and COLOR:</b>	Orange colored liquid
<b>ODOR:</b>	Pine fragrance added
<b>ODOR THRESHOLD:</b>	Not Determined
<b>pH (concentrate):</b>	7.0 – 8.0
<b>pH (diluted):</b>	7.0 – 8.0
<b>MELTING/FREEZING POINT:</b>	Not Determined
<b>BOILING POINT:</b>	Not Determined
<b>FLASH POINT:</b>	Not Determined
<b>EVAPORATION RATE (n-BuAc=1):</b>	Not Determined
<b>FLAMMABILITY (SOLID, GAS):</b>	N/A-Liquid
<b>UPPER/LOWER FLAMMABILITY OR EXLOSION LIMITS:</b>	Not Determined
<b>VAPOR PRESSURE (mm Hg @ 20°C (68°F):</b>	Not Determined

<b>VAPOR DENSITY:</b>	Not Determined
<b>RELATIVE DENSITY:</b>	Not Determined
<b>SPECIFIC GRAVITY:</b>	Not Determined
<b>SOLUBILITY IN WATER:</b>	Not Determined
<b>WEIGHT PER GALLON:</b>	Not Determined
<b>PARTITION COEFFICIENT (n-octanol/water):</b>	Not Determined
<b>AUTO-IGNITION TEMPERATURE:</b>	Not Determined
<b>DECOMPOSITION TEMPERATURE:</b>	Not Determined
<b>VISCOSITY:</b>	Not Determined

**9.2 OTHER INFORMATION:**

No additional data available

## 10. STABILITY / REACTIVITY

**10.1 Reactivity:**

Not reactive under normal conditions

**10.2 Stability:**

Stable under recommended storage conditions.

**10.3 Possibility of Hazardous Reaction:**

None under normal processing.

**10.4 Conditions to Avoid:**

Keep out of reach of children.

**10.5 Incompatible Materials:**

None known based on information supplied

**10.6 Hazardous Decomposition Products:**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**11.1 Information on Toxicology Effects:**

<b>Eye Contact:</b>	Avoid contact with eyes
<b>Skin Contact:</b>	May cause allergic reaction. Causes skin irritation. May be harmful in contact with skin.
<b>Inhalation:</b>	Avoid breathing vapors or mists.
<b>Ingestion:</b>	Do not taste or swallow

**Component Information:**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Citrate 68-04-2	= 1546 mg/Kg (Rat)	-	-
Alcohols, C9-11, branched and linear, ethoxylated 68439-46-3	>2000 mg/kg ( Rat )	>3300 mg/Kg (Rabbit)	-

**Symptoms:** May cause irritation and redness**Suspect Cancer Agent:** Not classifiable as a human carcinogen**Numerical measured of toxicity:** Not determined

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity:

Harmful to aquatic life

Harmful to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Alcohols, C9-11, branched and linear, ethoxylated	-	LC50 (96 h) : 8.5 mg/l Species : Fathead minnow (Pimephales promelas).	-	-

### 12.2 Persistence and Degradability:

Not determined

### 12.3 Bioaccumulative Potential:

Not determined

### 12.4 Mobility in Soil:

Not determined

### 12.5 Other Adverse Effects:

Not determined

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods:

#### Disposal of Waste:

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

#### Contaminated Packaging:

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

## 14. TRANSPORTATION INFORMATION

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

## 15. REGULATORY INFORMATION

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

#### United State Federal Regulations:

##### SARA 313:

Not Determined

#### United State, State Regulations:

None known

#### US State Right to Know Regulations:

None known

**16. OTHER INFORMATION****Issue Date: 09/29/14****DATE OF PRINTING: 01/09/16**

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. MassCor assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, MassCor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

**END OF SAFETY DATA SHEET**