



# H.D. Concrete Rust Remover

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 04/15/2015

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : H.D. Concrete Rust Remover  
Product code : 565-2103

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.)

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

CSI Group Int'l Inc.-DBA Concrete Services Int'l  
575 Route 73 North, Unit C-4  
West Berlin, NJ 08091  
T (856) 381-0249

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Skin Corr. 1A H314

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : H314 - Causes severe skin burns and eye damage  
Precautionary statements (GHS-US) : P260 - Do not breathe dust/mist/spray  
P264 - Wash hands and forearms thoroughly after handling  
P280 - Wear protective gloves/eye protection/face protection  
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a poison center/doctor  
P321 - Specific treatment (see First aid measures on this label)  
P363 - Wash contaminated clothing before reuse  
P405 - Store locked up  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

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### 3.2. Mixture

| Name              | Product identifier | %       | Classification (GHS-US) |
|-------------------|--------------------|---------|-------------------------|
| Organic Acid Salt | (CAS No) 506-89-8  | 20 - 30 | Skin Corr. 1A, H314     |

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center or doctor/physician.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Causes severe skin burns and eye damage.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

- Reactivity : Thermal decomposition generates : corrosive vapors.

### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.
- Hygiene measures : Wash hands and forearms thoroughly after handling.

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### 7.2. Conditions for safe storage, including any incompatibilities

|                        |  |
|------------------------|--|
| Technical measures     | : Comply with applicable regulations.  |
| Storage conditions     | : Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use. |
| Incompatible products  | : Strong bases. Strong acids.  |
| Incompatible materials | : Sources of ignition. Direct sunlight.  |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| H.D. Concrete Rust Remover   |                |
|------------------------------|----------------|
| ACGIH                        | Not applicable |
| OSHA                         | Not applicable |
| Organic Acid Salt (506-89-8) |                |
| ACGIH                        | Not applicable |
| OSHA                         | Not applicable |

### 8.2. Exposure controls

|                               |   |
|-------------------------------|---|
| Personal protective equipment | : Avoid all unnecessary exposure. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. |
| Hand protection               | : Wear suitable gloves resistant to chemical penetration.   |
| Eye protection                | : Wear eye/face protection.   |
| Skin and body protection      | : Avoid all contact with skin, eyes, or clothing. Wash thoroughly after handling. Wash clothing before reuse.   |
| Respiratory protection        | : Use adequate ventilation. Respiratory protection not required in normal conditions.   |
| Other information             | : Do not eat, drink or smoke during use.  |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                     |
|---|---------------------|
| Physical state                              | : Liquid            |
| Color                                       | : clear             |
| Odor  | : mild              |
| Odor threshold                              | : No data available |
| pH  | : 1 - 2             |
| Melting point                               | : No data available |
| Freezing point                              | : No data available |
| Boiling point                               | : 212 - 220 °F      |
| Flash point                                 | : ≥ 200 °F          |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas)                   | : No data available |
| Explosion limits                            | : No data available |
| Explosive properties                        | : No data available |
| Oxidizing properties                        | : No data available |
| Vapor pressure                              | : No data available |
| Relative density                            | : 1.03              |
| Relative vapor density at 20 °C             | : Same as water     |
| Solubility                                  | : Soluble in water. |
| Log Pow                                     | : No data available |
| Log Kow                                     | : No data available |
| Auto-ignition temperature                   | : No data available |

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|                           |                     |
|---------------------------|---------------------|
| Decomposition temperature | : No data available |
| Viscosity                 | : No data available |
| Viscosity, kinematic      | : No data available |
| Viscosity, dynamic        | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Thermal decomposition generates : corrosive vapors.

### 10.2. Chemical stability

Stable under normal conditions. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : corrosive vapors.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|   |   |
|---|---|
| Acute toxicity                                      | : Not classified  |
| Skin corrosion/irritation                           | : Causes severe skin burns and eye damage.<br>pH: 1 - 2             |
| Serious eye damage/irritation                       | : Not classified<br>pH: 1 - 2                                       |
| Respiratory or skin sensitization                   | : Not classified  |
| Germ cell mutagenicity                              | : Not classified  |
| Carcinogenicity                                     | : Not classified  |
| Reproductive toxicity                               | : Not classified  |
| Specific target organ toxicity (single exposure)    | : Not classified  |
| Specific target organ toxicity (repeated exposure)  | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Organic Acid Salt (506-89-8)

|             |          |
|-------------|----------|
| LC50 fish 1 | 140 mg/l |
|-------------|----------|

### 12.2. Persistence and degradability

#### H.D. Concrete Rust Remover

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

### 12.3. Bioaccumulative potential

#### H.D. Concrete Rust Remover

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/regional/national/international regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### H.D. Concrete Rust Remover

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

No additional information available

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

#### National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

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Other information : None.

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Full text of H-phrases:

|               |   |
|---------------|---|
| Skin Corr. 1A | Skin corrosion/irritation Category 1A   |
| H314          | Causes severe skin burns and eye damage |

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible  
Flammability : 0 Minimal Hazard - Materials that will not burn  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.  
Personal Protection : B  
B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*