

# Material Safety Data Sheet / Curb Appeal Rust Remover

## Section 1 - Identification of the Substance and Company

Commercial Product Name: **Curb Appeal Rust Remover™**  
Product Code: CARR32OZ, CARR01GL  
General Use: Surface rust stain removal

Company Identification: **Emergency Phone Number:**  
Edgewater Industries ChemTrec (USA): 800-424-9300  
18570 Trimble Court 201-316-3000  
Spring Lake, MI 49456 USA

## Section 2 - Composition/Information on Ingredients:

Ingredients	CAS No.	EC Index	Weight %	Symbols	Risk Phrases*
Orthophosphoric Acid	7664-38-2	015-011-00-6	<12%	Xi	R36/38
Proprietary Surfactant	Proprietary	Proprietary	<25%	None	None at this concentration
Dihydrogen Oxide	7732-18-5	Einecs 231-791-2	Balance	None	None known

\* Risk phrase relevant to component usage in this product

## Section 3 - Hazards Identification:

(Xi) IRRITANT

**3.1 Eye Contact:** May cause irreversible eye injury. Contact with liquid is potentially corrosive and irritating to eyes. Material may cause severe burns if not flushed immediately from eyes.

**3.2 Skin Contact:** Low acute dermal toxicity. Possible irritation..

**3.3 Ingestion:** Do NOT induce vomiting. If patient is conscious and alert, give 2-4 cupfuls of water or milk to drink. Product has acute oral toxicity. May be irritating to mouth, esophagus and stomach. May cause vomiting, headache, diarrhea and other medical problems. Get medical attention immediately. Continue to encourage drinking if throat or mouth irritation persists. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS.

**3.4 Inhalation:** Vapors or spray could be irritating to respiratory tract. Move the person to fresh air immediately. Immediately perform artificial respiration if breathing has stopped. Irritation may lead to chemical pneumonitis and pulmonary edema. May cause irritation of upper respiratory tract with coughing and breathing difficulty. Discontinue use and get medical attention immediately.

Chronic hazards: No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen.

Physical hazards: None known.

HMIS Rating: Health: 2 Flammability: 0 Reactivity: 0

NFPA Rating: Health: 2 Flammability: 0 Reactivity: 0

## Section 4 - First Aid Measures:

**4.1 Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If easy to do, remove contact lenses, if worn. Get expert medical attention immediately.

**4.2 Skin Contact:** In case of contact, immediately wash affected area with soap and water.

**4.3 Ingestion:** Do not induce vomiting. Low acute oral toxicity. Irritating to mouth, esophagus and stomach. May cause vomiting, headache, and other medical problems. Wash mouth out thoroughly, and give plenty of water to drink. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the material was ingested; the absence of such signs, however, is not conclusive. Loosen tight

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Clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS.

- 4.4 Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.
- 4.5 Safety Phrases: (2), 7,23, 24, 25, 28, 39, 46

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## **Section 5 - Fire-Fighting Measures:**

- 5.1 Extinguishing media: Carbon dioxide, foam or dry chemical. . Do not use water. Handle as oil fire. Smother to exclude air.
- 5.2 Flammable limits: This material is considered combustible and will ignite if exposed to flame or intense heat.
- 5.3 Unusual Fire and Explosive Hazards:  
See Section 3 and Section 10 for information on hazards present during firefighting.
- 5.4 Fire-fighting equipment:  
Standard protective gear augmented by chemical face shield, chemical resistant gloves, protective clothing, and rubber boots.
- 5.5 Explosive Limits:  
Not Established.

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## **Section 6 - Accidental Release Measures:**

- 6.1 Personal protection:  
Caution: Material is slippery on flooring. Eliminate any source of ignition. . Large spills may be allowed to dry or may be mixed with suitable absorbents to facilitate removal. Wear chemical resistant goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots if danger of contact with product. Use NIOSH approved respiratory protection device in areas of high vapor concentration.
- 6.2 Environmental Hazards:  
Material is not packaged in amounts to cause any significant hazards. If large spill occurs, dike and avoid allowing material to enter waterways. Move leaking containers to well ventilated area. Eliminate any source of ignition.
- 6.3 Small spill cleanup:  
Caution: Material is slippery on flooring. Small spills may be wiped up immediately or allowed to dry and then be swept up.
- 6.4 Large spill cleanup:  
Caution: Material is slippery on flooring. Keep unnecessary people away. Eliminate sources of ignition, including water heaters and furnace pilot lights. Prevent runoff from reaching drains or waterways. Scoop or shovel up material with non-sparking tools and dispose of in accordance with local, state and federal regulations.
- 6.5 CERCLA RQ:  
The component Phosphoric Acid has a reportable quantity of 5,000 lbs. In case of a spill, notification of state and local authorities is recommended.

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## **Section 7- Handling and Storage:**

7.1 Handling:  
Do not get in eyes, on skin, or on clothing. Do not breathe dust or vapors. Keep container closed. Promptly clean up spills to avoid slipping. Wash hands thoroughly after handling product.

7.2 Storage:  
Store at temperatures below 70°F (21°C) in a cool, dry area away from sources of ignition or excessive heat. Keep away from reactive materials such as acids or ammonia. Storage containers should not be made from aluminum. Keep container tightly closed and in a well ventilated place.

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## **Section 8 - Exposure Controls / Personal Protection:**

- 8.1 Engineering Controls:  
Use only with adequate ventilation. Keep containers closed. Eye wash station or similar equipment should be available during use. Warn potential by passers of slippery nature of the product using sign or fencing. Eliminate all possible sources of ignition.
- 8.2 Respiratory protection:  
Use a NIOSH-approved dust respirator where dust occurs. Keep adequate ventilation and air circulation during usage.
- 8.3 Skin Protection:  
Avoid skin contact. People with allergies or preexisting skin conditions should avoid contact with this product. Wear adequate body and extremity protective clothing during potential excessive contact.
- 8.4 Eye Protection:  
Avoid eye contact. Wear chemical goggles.

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## **Section 9 - Physical and Chemical Properties:**

### **General Information:**

Appearance: Water-like clear liquid  
Odor: slight mild odor

### **Important health, safety and environmental information:**

pH: Acidic, approximately 1.0  
Boiling Point: Unknown, estimate approx. = water  
Flash Point: None  
Explosive properties: None known  
Oxidising properties: None known  
Vapour pressure: approx. = water  
Relative density: approx. = water  
Solubility in water: Complete in water  
Partition coefficient: Unknown  
Viscosity: < 50 cps  
Vapour density (Air =1): > air  
Evaporation rate: approx. = water  
Color: Clear

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## **Section 10 - Stability and Reactivity:**

- 10.1 Stability:  
Stable under ordinary conditions of use and storage.
- 10.2 Conditions to avoid:  
Heat, ignition sources and incompatibilities.
- 10.3 Materials to avoid:  
Avoid any materials incompatible with acids. Reacts slightly with alkalis(bases) to form phosphate salts and may be corrosive (especially when hot) to many metals and alloys. May liberate small amounts of explosive

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hydrogen gas when reacting with chlorides and stainless steel. May cause exothermic reactions with items that react with acids.

- 10.4 Hazardous decomposition materials:  
Phosphine, oxides of phosphorous, carbon dioxide, carbon monoxide, hydrogen gas, formic acid.
- 10.5 Hazardous polymerization:  
May occur.
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## Section 11 - Toxicological Information:

- 11.1 Acute Data:  
Limited information is available at this time.  
The acute oral toxicity of this product has not been tested. A minor (<10%) component of this product was tested at LD50 = 375 mg/kg, oral rat.
- 11.2 Sub chronic Data No Data found.:  
This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.  
Mutagenicity: No information found  
Neurotoxicity: No information found
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## Section 12 - Ecological Information:

No information found. Components of this product are generally considered to become chemically inert or biodegradable in the environment. Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

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## Section 13 - Disposal Considerations:

Classification: Dried waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary. Consult local agencies as needed. Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.  
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
**RCRA P-Series:** None listed.  
**RCRA U-Series:** None listed.

Disposal method: Landfill solids in accordance with federal, state and local regulations.

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## Section 14 - Transport Information:

### United States Domestic:

D.O.T. Proper Shipping Name: Corrosive Liquid, n.o.s., (Orthophosphoric Acid), UN1760, Class 8, PG III

U.S. Ground Hazard Classification: 8, Corrosive

Reportable Quantities: Not Applicable to this package size.

### International Air:

Intl. Proper Shipping Name: Corrosive Liquid, n.o.s., (Orthophosphoric Acid), UN1760, Class 8, PG III

Hazard Classification: Corrosive

Packing Instruction: Y818

Max Qty per pkg: 1 L

UN Number: UN1760

Note: IMDG Limited quantities of dangerous goods for personal or household use that are packaged and distributed in a form intended or suitable for sale through retail agencies, are exempt from marking of the proper shipping name and UN Number on the packaging. These inner packages must be less than 5 liters and the outer packaging total mass should not exceed 30 kg.

## Section 15 - Regulatory Information:

EEC (EINECS) No: Mixture / Not Listed  
Label for Supply: Xi (Irritant)

Risk phrases: R36/38 Irritating to eyes and skin.

Safety Phrases:

- S-2 Keep out of the reach of children.
- S-7 Keep container tightly closed.
- S-23 Do not breathe fumes or vapor.
- S-24 Avoid contact with skin.
- S-25 Avoid contact with eyes.
- S-28 After contact with skin, wash immediately with plenty of soap and water.
- S-39 Wear eye/face protection.
- S-46 If swallowed, seek medical advice immediately and show this container or label.

Approved Code of Practice: The Control of Substances Hazardous to Health.

WHMIS Ingredient List: None known

TSCA: None known

## Section 16 - Other Information:

Prepared by: W. Wilbur  
Date Issued: September 9, 2008  
Revised: October 15, 2008

Sources of key data:

- CHIP3 Approved Code of Practice
- Carriage of Dangerous Goods by Road (CD-ROM)
- IMDG Code on CD-ROM Version 5.1 (2001)
- Proprietary Raw Material Supplier MSDSs
- Approved Supply List (Seventh Edition)
- LabelMaster "Air International Regulations 2006"

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