

# Material Safety Data Sheet – Curb Appeal Degreasing Cleaner

## SECTION 1 - IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

Product Identifier: Curb Appeal Degreasing Cleaner  
Product Use: Cleaning of Driveways and Garage Floors  
Product Number: CADC-32OZ  
Trade Name: Curb Appeal Degreasing Cleaner  
Chemical Family: Water-based Surfactant Mixture  
Synonyms: Cleaner

Manufactured by: **Edgewater Industries**  
18570 Trimble Court  
Spring Lake, MI 49456

Emergency Phone: ChemTrec: U.S.A.: 800-424-9300

International: 703-527-3887

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	EC No.	Weight %	Symbols	EC Risk Phrases*
Ethylene Glycol	Proprietary	Proprietary	<10	Xn	R20/21/22, 36/38
Proprietary Additive	Proprietary	Proprietary	<1%	Xi	R34, R37
Polyethylene Glycol	Proprietary	Proprietary	<5%	None	R36/38
Proprietary Additive	Proprietary	Proprietary	<5%	None	R36/38
Proprietary Additive	Proprietary	Proprietary	<1%	None	R36/38
Water	7732-18-5	Unknown	<99	None	None known

\*Refer to Section 16 for explanations of Risk Phrases.

## SECTION 3 - HAZARDS IDENTIFICATION

**HMIS:** Health: 2  
Flammability: 1  
Reactivity: 0  
Personal Protection: B

**Key:** 4 = Severe  
3 = Serious  
2 = Moderate  
1 = Slight  
0 = Minimal

**Risk Phrases:** R36/37/38

**Safety Phrases:** S15, S24/25, S27/28, S37/39

**Hazard potential for this product is minimal.**

**EYE CONTACT:** Slightly irritating but does not injure eye tissue if removed immediately.

**SKIN CONTACT:** Frequent or prolonged contact may irritate or cause dermatitis.

**INHALATION:** High vapor concentrations could be irritating to the eyes and the respiratory tract, may cause headaches, and/or nervous system effects including death.

**INGESTION:** Small amounts of this product aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury. Minimal toxicity.

## SECTION 4 - FIRST AID MEASURES

**EYE CONTACT:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**SKIN CONTACT:** Flush affected area with large amounts of water; use soap if available. Remove contaminated clothing, including shoes, and launder before reuse.

**INHALATION:** Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

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INGESTION: If swallowed, DO NOT INDUCE VOMITING. Keep at rest. Get prompt medical attention.

### SECTION 5 - FIRE-FIGHTING MEASURES

**Flammable Limits:** UEL: Not Established LEL: Not Established  
**Auto-Ignition Temperature:** Estimated greater than 300°F  
**Flash Point:** >200°F (93°C) TCC

**Extinguishing Media:** Use water fog, foam, dry chemical or CO<sup>2</sup>. Do not use a direct stream of water. Product will not float and will not reignite on the surface of the water.

Material will not burn unless preheated. Do not enter confined fire space without full bunker gear; including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Containers may rupture or melt when exposed to extreme heat.

No unusual fire or explosion hazards.

Material is not considered a combustible liquid.

**Fire-Fighting Techniques:** Use water to cool fire-exposed surfaces and to protect personnel. Isolate “fuel” supply from fire. Extinguish with water fog, foam, dry chemical or CO<sup>2</sup>. Do not use a direct stream of water on product as it may create foam, hampering fire-fighting efforts.

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Land Spill:** Eliminate possible sources of ignition including water heaters and space heaters. Prevent additional discharge of material; if possible do so without hazard. Absorb spilled material and clean surface with degreaser (alcohol or surfactant based cleaner) after removal to eliminate any potential slip hazard.

**Environmental Precautions:** Avoid discharge to natural waters.

### SECTION 7 - HANDLING AND STORAGE

General Handling:

- Do not get in eyes
- Do not swallow
- Avoid contact with skin and clothing
- Do not handle or empty in presence of flammable vapor
- Do not swallow
- Keep container closed
- Use with adequate ventilation
- Wash thoroughly after handling

**ELECTROSTATIC ACCUMULATION HAZARD:** No

**STORAGE TEMPERATURE:** Ambient

**LOADING/UNLOADING TEMPERATURE:** Ambient

**STORAGE/TRANSPORTATION PRESSURE:** Atmospheric

**STORAGE and HANDLING:** Keep container closed. Handle and open containers with care. Store in a cool, well-ventilated place away from incompatible materials. Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight. Material will accumulate static charges, which may cause an electrical spark (a static spark is a possible source of ignition). Use proper bonding and/or grounding procedures. Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Do NOT reuse empty containers without commercial cleaning or reconditioning.

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Avoid prolonged or repeated breathing of vapors. The use of local exhaust ventilation is recommended to control process emissions near the source.

**PROTECTIVE CLOTHING:** Avoid contact with eyes. Wear chemical goggles if splash or contact possible. Wear chemical resistant gloves and other clothing or vapor masks as required to minimize contact. Where concentrations in air may exceed normal usage levels, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Flash Point:	> 200°F (93°C) TCC	
Physical Form:	Liquid	
Boiling Range:	High: Not Established	Low: Not Established
Specific Gravity:	>1	
Solubility in water:	complete	
VOC:	<4%	
pH:	12.4	
Sp. Gravity of vapor (Air = 1)	>1	
Odor:	mild	

## SECTION 10 - STABILITY AND REACTIVITY

**STABILITY:** Stable

**MATERIAL OR CONDITIONS TO AVOID (INCOMPATIBILITY):** Strong acids, alkalis, and oxidizers such as chlorine, peroxides and oxygen.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

## SECTION 11 - TOXICOLOGICAL INFORMATION

Ethylene glycol component has been shown to cause blood disorders based on animal data.

Under normal, anticipated conditions of usage, this product should not present a risk to human health. Oral toxicity is very low. Any carcinogenic compounds that may be minutely present in one or more of the ingredients that are used to make this product, fall well below the required reporting limits for all communities.

## SECTION 12 - ECOLOGICAL INFORMATION

Ecological-effects testing has not been conducted on this product. If product were spilled, no significant detrimental effects would be expected to occur in packaged quantities. Some of the items in this product are considered toxic to aquatic organisms, however, these items represent less than 10% of the makeup of this product.

Petroleum-based oils will normally float on water. If the oil layer covers a large area, especially in stagnant or slow-flowing waterways, the dissolved Oxygen content of the water may be depleted over time and lead to adverse effects on fish and other aquatic life.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of product residues as you would any oil based product residue. Abide by all city, state and federal guidelines that may apply to large volume disposal issues.

## SECTION 14 – SHIPPING INFORMATION

### **Bulk DOT & International Shipping Information:**

DOT Status:	Not a U.S. DOT Regulated Material
UN/NA ID Number:	Not Applicable
Hazard Class:	Not Regulated
Label Required:	None
UN Proper Shipping Name:	Soap Solution

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### SECTION 15 - REGULATORY DATA

TSCA:	All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory or exempt from TSCA Inventory requirements.
CA prop 65:	This product contains less than .0001% of ethylene oxide known to the State of California to cause cancer, birth defects or other reproductive harm, and less than .0003% of 1,4-Dioxane known to the State of California to cause cancer.
MITI:	The components used in this product are approved or listed.
DSL:	Items in this product are listed in DSL.
AICS/NICNAS:	This product complies with NICNAS.
ECL:	This product complies with the Korean Toxic Substances Control Act.
EINECS:	The components in this product are listed in EINECS.
SARA 302/304:	No chemical components present in this product exceed the de minimus reporting level established under this statute.
SARA 311-312:	Immediate (acute) health Delayed (chronic) health
SARA 313:	Ethylene Glycol
CERCLA:	No chemical components present in this product are subject to the reporting requirements under this schedule.
WHMIS:	Ethylene Glycol is a controlled substance
WHMIS Hazard:	B/3, D/1/B (ethylene glycol)
CA Prop 65:	None at levels which require warning under this statute.
CA SCAQMD VOCs:	None Known
Carcinogenicity	None Known
Classification:	None Known

### SECTION 16 – OTHER INFORMATION

<b>Version Number:</b>	1.0
<b>Last Revision:</b>	April 1, 2009
<b>Explanation of Revisions:</b>	Revised document to ANSI 16 format

#### **Explanation of Risk Phrases, Safety Phrases or other unusual abbreviations:**

##### **Risk Phrases:**

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R34	Causes burns
R36/38	Irritating to eyes and skin
R36/37/38	Irritating to eyes, respiratory system and skin
R37	Irritating to respiratory system

##### **Safety Phrases:**

S15	Keep away from heat
S24/25	Avoid contact with skin and eyes.
S27/28	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water.
S37/39	Wear suitable gloves and eye/face protection.

#### **Disclaimer of Liability:**

Always comply with all applicable international, federal, state and local regulations regarding the transportation, storage, use and disposal of this chemical. Due to the changing nature of regulatory requirements, the regulatory information listed in Section X this document should not be considered all-inclusive or authoritative. International, Federal, State Local regulations should be consulted to determine with all required reporting requirements. The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and

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expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, MSDS information may not be applicable.

**This Safety Data Sheet complies with EC Commission Directive 2001/58/EC of July 2001**