



Crew Shower Tub & Tile Cleaner

HMIS		NFPA	Personal protective equipment
Health	3	3	
Flammability	0	0	
Physical Hazard / Instability	0	0	



Version Number: 2

Preparation date: 2015-04-03

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Crew Shower Tub & Tile Cleaner

SDS #: MS0300984

Product Code: 5694769

Recommended use:

- Restroom Care
- Acid Cleaner
- This product is intended to be diluted prior to use

Manufacturer, importer, supplier:
 US Headquarters
 Sealed Air
 8215 Forest Point Blvd.
 Charlotte, NC 28273-5509
 Phone: 1-888-352-2249
 SDS Internet Address: <https://sds.sealedair.com>
Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

Canadian Headquarters
 Sealed Air - Canada
 3755 Laird Road
 Mississauga, Ontario L5L 0B3
 Phone: 1-800-668-7171

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Skin contact: Corrosive. Causes permanent damage.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Citric acid	77-92-9	10 - 20%	3000	Not available	Not available
Hydroxyacetic acid	79-14-1	10 - 20%	1600	Not available	=7100 µg/m³ (4 h)
Diethyl phthalate	84-66-2	0.1 - 1.5%	8600	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: If swallowed, rinse mouth. Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions:

Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media:**

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards:

Not applicable.

Unusual hazards:

Corrosive material (See sections 8 and 10).

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

Extinguishing media which must not be used for safety reasons: No information available.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Use personal protective equipment.

Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. May react to release hazardous gases. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment**Eye protection:**

Chemical-splash goggles.

Hand protection:

Chemical-resistant gloves

Skin and body protection:

Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Diethyl phthalate	84-66-2	5 mg/m ³ (TWA)		10 mg/m ³ (STEL) 5 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical State:** Liquid

Bulk density: No information available

Appearance: Liquid Aqueous solution

Evaporation Rate: No information available

Specific gravity: 1.1328

Color: Clear, Dark, Red

Vapor density: No information available

Odor: Fresh

Boiling point/range: Not determined

Melting point/range: Not determined

Decomposition temperature: Not determined

Autoignition temperature: No information available

Solubility: Completely Soluble

Density: 9.45 lbs/gal 1.1328 Kg/L

Solubility in other solvents: No information available

Flash point: > 200 °F > 93.3 °C

Partition coefficient (n-octanol/water): No information available

Viscosity: No information available

Elemental Phosphorus: 0.00 % by wt.

VOC: 0 % *

pH: 1.6

Dilution pH: 2.6 @ 1:40

Explosion limits: - upper: Not determined - lower: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY**Stability:**

The product is stable

Polymerization:

Hazardous polymerization does not occur.

Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Strong bases. Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Corrosive. Oral LD50 estimated to be between 4000 - 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3.
Chronic toxicity: None known
Specific effects:
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

DOT (Ground) Bill of Lading Description: LTD. QTY.

IMDG (Ocean) Bill of Lading Description: UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (citric acid, hydroxyacetic acid), 8, III, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Citric acid	77-92-9	-	-	-	-
Hydroxyacetic acid	79-14-1	-	-	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-
β-Alanine, N-(2-carboxyethyl)-N-dodecyl-, sodium salt	14960-06-6	-	-	-	-
Diethyl phthalate	84-66-2	X	X	X	X

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Diethyl phthalate	84-66-2	0.1 - 1.5%	1000		

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethyl phthalate			X

SARA 311/312 Hazard Categories

Immediate:	x
Delayed:	-
Fire:	-
Reactivity:	-
Sudden Release of Pressure:	-

Canadian Regulations

WHMIS hazard class: E Corrosive material.



Ingredient(s)	CAS #	NPRI
Diethyl phthalate	84-66-2	X

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice:

- Contains an added fragrance, see "Odor" heading in section 9 for specific description
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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