

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION & COMPANY INFORMATION

PRODUCT: Bathroom Cleaner
PRODUCT CODE: C-B01
RECOMMENDED USE: Restroom hard surface

DATE ISSUED:	2/8/2024
SDS REF. No:	

DISTRIBUTOR:

HD Chem
 707 W. 16th St.
 Long Beach, CA 90813
 888-443-2436

24 HR. EMERGENCY TELEPHONE NUMBER:

CHEMTREC (800) 424-9300

2. HAZARDS INGREDIENTS & IDENTIFICATION

GHS CLASSIFICATION:

Skin Corrosion/Irritation: Category 2
Acute Toxicity: Oral, Category 4
Acute Aquatic Toxicity: Category 2
Serious Eye Damage/Eye Irritation: Category 1

GHS ELEMENT:

Hazard Pictograms



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

H302: Harmful if swallowed
 H318: Causes serious eye damage
 H401: Toxic to aquatic life

PRECAUTIONARY STATEMENTS:

PREVENTION:

P260: Do not breathe mist/vapors/spray
 P264: Wash hands thoroughly after handling
 P270: Do not eat, drink or smoke when using this product
 P280: Wear protective gloves and eye protection

RESPONSE:

IF SWALLOWED: Do Not induce vomiting. Rinse mouth. Immediately drink 1 to 2 glasses of water or milk. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

If in EYES: In case of contact, immediately flush thoroughly with plenty of cool running water. Remove contact lenses if worn. Continue flushing for at least 15 minutes holding eyelids apart. If irritation persists, get medical attention promptly.

IF on SKIN (or HAIR): In case of contact, immediately flush thoroughly with plenty of cool running water for at least 15 minutes. Immediately remove contaminated clothing and shoes. Wash prior to reuse.

IF INHALED: If discomfort is experienced from exposure to spray mist, the person should employ respiratory protection or leave the contaminated area until proper ventilation is restored. Breathe fresh air. If irritation persists, get medical attention.

STORAGE: Store in a tightly closed container. Do not store near oxidizers, alkalis, acids and bleach. Do not mix with other chemicals. Store away from excessive heat. Store in cool dry place at room temperature away from direct sunlight. Store in accordance to local regulations.

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.

EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

OTHER HAZARDS: None known.

3. PHYSICAL DATA/COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight%
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Water	7732-18-5	60 - 90
Quaternary ammonium compounds, benzyl-C12-C18 alkyl dimethyl, chlorides	68391-01-5	5 - 10
Diethylene Glycol Monobutyl Ether	112-34-5	2 - 8
ethoxylated C10-14 alcohols	66455-15-0, 68551-12-2	1 - 5
Sodium Carbonate	497-19-8	1 - 5
ethylenedinitrilo(tetraacetic) acid disodium salt dihydrate	6381-92-6	1 - 5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. HEALTH HAZARD DATA & FIRST AID MEASURES

EYES : Rinse with plenty of water.
SKIN : Rinse with plenty of water.
INGESTION : Rinse mouth. Get medical attention if symptoms occur.
INHALATION : Get medical attention if symptoms occur.
NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING & EXPLOSION DATA/MEASURES

SUITABLE EXTENUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water, Carbon Dioxide, Dry Chemical, Foam.
UNSUITABLE EXTENUISHING MEDIA: None Known
SPECIFIC HAZARDS DURING FIRE FIGHTING: Not flammable or combustible.
HAZARDOUS COMBUSTION PRODUCTS: None Known
FIRE FIGHTING EQUIPMENT : Avoid breathing of vapors. Apply water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors. Use Self Contained Breathing Apparatus (SCBA) or NIOSH approved respirator and protective clothing.
SPECIAL EXTINGUISHING: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of and/or explosion do not breathe fumes.
OTHER CONSIDERATIONS : Contains Alcohol

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PRODCDURES: Wear protective equipment as needed. Refer to protective measures listed in sections 7 and 8.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: To contain spilled material, dike area involved. Remove source of ignition and provide ventilation. To absorb product, use porous material such as diatomaceous earth, sand or a commercial absorbent. Using a shovel, place into leak proof containers.
WATER DISPOSAL METHOD: Dispose of according to local, state, and federal regulations. Wear protective equipment as needed.
ENVIRONMENTAL PRECAUTIONS: Do not allow contact with soil, surface, or ground water.

7. PRECAUTIONS FOR SAFE HANDLING/STORAGE/USE

SAFE HANDLING: Wash hands thoroughly after handling.
GENERAL PROCEDURES : Store in original container in an upright position in a cool, dry area inaccessible to children and pets. Keep away from direct sunlight and freezing conditions. Do not store near oxidizers, alkalies, acids and bleach. Do not mix with other chemicals.
STORAGE TEMPERATURE: 0 °C to 50 °C

8. EXPOSURE CONTROLS\PERSONAL PROTECTION (PPE)

OCCUPATIONAL EXPOSURE LIMITS:

Chemical Name	CAS Number	ACGIH TLV	OSHA PEL	NIOSH
Diethylene Glycol Monobutyl Ether	112-34-5	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
Quaternary ammonium compounds, benzyl-C12-C18 alkyl dimethyl, chlorides	68391-01-5	TWA: 1000 ppm	TWA: 1000 ppm	REL: 1000 ppm

OSHA TABLE COMMENTS: NL = Not Listed
ENGINEERING CONTROLS: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: No special protective equipment required.
HAND: No special protective equipment required.
SKIN: No special protective equipment required.
RESPIRATORY: No personal respiratory protective equipment normally required.
WORK HYGIENIC PRACTICES: Avoid accidental spills on skin, wash after use. Wash contaminated clothing prior to reuse.
OTHER USE PRECAUTIONS: Have clean water available for washing. Provide adequate ventilation or use mechanical devices.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE:	Liquid
COLOR:	Orange
ODOR:	Lemon
pH:	12.5
FLASH POINT:	212°F w/ H ₂ O
ODOR THRESHOLD:	No Data Available
MELTING POINT/FREEZING POINT:	No Data Available
BOILING POINT:	212°F
EVAPORATION RATE:	(Water=1): >1 (faster than water)
FLAMMABILITY (SOLID, GAS):	No Data Available
UPPER EXPLOSION LIMIT:	No Data Available
SPECIFIC GRAVITY:	(H ₂ O=1): .98-1.0
LOWER EXPLOSION LIMIT:	No Data Available
VAPOR PRESSURE:	No Data Available
RELATIVE VAPOR DENSITY:	(Air=1): >1 (heavier than air)
RELATIVE DENSITY:	No Data Available
WATER SOLUBILITY:	100%
SOLUBILITY IN OTHER SOLVENTS:	No Data Available
PARTITION COEFFICIENT: N-OCTANOL/WATER:	No Data Available
AUTOIGNITION TEMPERATURE:	No Data Available
THERMAL DECOMPOSITION:	No Data Available
VISCOSITY, KINEMATIC:	No Data Available
EXPLOSIVE PROPERTIES:	No Data Available
OXIDIZING PROPERTIES:	No Data Available
MOLECULAR WEIGHT:	No Data Available
VOC:	< 50 grams / Liter (CARB = 0)

10. STABILITY AND REACTIVITY

STABILITY :	Stable
HAZARDOUS POLYMERIZATION :	Will NOT Occur
CONDITIONS TO AVOID :	Avoid contact with open flame, strong oxidizing agents, ignition sources, and poor ventilation. Keep from freezing.
POLYMERIZATION :	Will NOT Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of Nitrogen, Carbon Monoxide, Carbon Dioxide, Hydrogen Chloride, Ammoniacal Vapors
INCOMPATIBLE MATERIALS :	Acids, Azo, Diazo, Hydrazines, Isocyanates, Alkali and Alkaline Metals, Nitrides, Peroxides and Hydroperoxides, Epoxides, Oxidizing Agents, Reducing Agents, and Water Reactive Substances

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Ingestion, Eye contact, Skin contact.

SYMPTOMS OF EXPOSURE:

Eye Contact:	Causes severe eye irritation.
Skin Contact:	May cause irritation.
Ingestion:	Pain, nausea, vomiting and diarrhea
Inhalation:	May cause nasal discomfort and coughing.

IMMEDIATE, DELAYED, CHRONIC EFFECTS:

Product Information:	Data not available for insufficient for classification.
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TARGET ORGAN EFFECTS:

Eyes. Respiratory System. Skin. Blood. Central Nervous System. Hematopoietic System. Kidney. Liver.

NUMERICAL MEASURES OF TOXICITY:

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

COMPONENT ACUTE TOXICITY INFORMATION

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
diethylene glycol monobutyl ether	112-34-5	=470 mg/kg (Rat)	=2270 mg/kg (Rat) =220 mg/kg (Rabbit)	=2.21 mg/L (Rat) 4 h =450 ppm (Rat) 4 h
Sodium Carbonate	497-19-8	=4900 mg/kg (Rat)	500 mg/24 hr, (Rabbit)	2300 mg/m ³ 2 hr. (Rabbit)
N Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 40%) dimethyl benzyl Ammonium Chloride	68424-85-1	=919 mg/kg (Mouse) =426 mg/kg (Rat)	Not Available	Not Available
ethoxylated C10-14 alcohols	66455-15-0, 68551-12-2	Not Available	>2000 mg/kg	Not Available

ethylenedinitrilo(tetraacetic) acid disodium salt dihydrate	6381-92-6	=10 g/kg (Rat)	Not Available	Not Available
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Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: ECOTOXICITY

Chemical Name (CAS)	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Diethylene Glycol Monobutyl Ether (112-34-5)	Not Available	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	Not Available	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
N Alkyl (C14 50%, C12 40%, C16 40%) dimethyl benzyl Ammonium Chloride (68424-85-1)	Not Available	Not Available	Not Available	Not Available
Sodium Carbonate (497-19-8)	Not Available	LC50 (Blue Gill) 320 mg/L 96 hr	Not Available	Not available
ethylenedinitrilo(tetraacetic) acid disodium salt dihydrate (6381-92-6)	1.01: 72 h Desmodemus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50static 59.8: 96 h Pimephales promelas mg/L LC50 static	Not Available	610: 24 h Daphnia magna mg/L EC50
ethoxylated C10-14 alcohols (66455-15-0, 68551-12-2)	10-100 mg/L 720hours	5-10 mg/L 96 hours	Not Available	5-10 mg/L 48 hours

Persistence and Degradability:

No Information Available

Bioaccumulation:

No Information Available

Other Adverse Effects:

No Information Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.

EMPTY CONTAINER: Nonrefillable container. Do not reuse or refill container. Before discarding container, rinse thoroughly with water.

RCRA/EPA WASTE INFORMATION: N/A

14. TRANSPORT INFORMATION

THE SHIPPER/CONSIGNOR/SENDER IS RESPONSIBLE TO ENSURE THAT THE PACKAGING, LABELING, AND MARKINGS ARE IN COMPLIANCE WITH THE SELECTED MODE OF TRANSPORT.

DOT (DEPARTMENT OF TRANSPORTATION)

LAND TRANSPORT:

Not dangerous goods

SEA TRANSPORT (IMDG/IMO):

Not dangerous goods

15. REGULATORY INFORMATION

EPCRA – EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW CERCLA REPORTABLE QUANTITY

Hazardous Components	CAS Number	Component RQ (Lbs.)	Calculated Component RQ (lbs.)
None	N/A	N/A	N/A

UNITED STATES:

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

CAS: 68424-85-1: Listed on the TSCA Inventory of Chemical Substances.

SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:

This material does not contain any components within section 304 EHS RQ.

SARA 311/312 Hazard Categories:

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: N/A

CALIFORNIA PROP 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Special: N/A
HMIS	Health Hazards: 2	Flammability: 0	Physical Hazards: 0	

Revision Date: 3/7/2018
Reasons For Revision: No Information Available

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