



SAFETY DATA SHEET

1. Identification

Product Identifier Non-Acid Bowl Cleaner

Other means of identification

Product code CU-1201

Recommended use Ready to use bowl cleaner.

Recommended restrictions Professional use only.

Manufacturer information

Company name Chemical Universe, Inc.

Address 1133 Saline St.
North Kansas City, MO 64116

Telephone (816) 471-3602

Emergency phone number PERS (800) 633-8253
24 hour Emergency (800) 633-8253

2. Hazard(s) Identification

Physical hazards Not classified.

Health hazards Skin irritant Category 3
Serious eye damage Category 1

Environmental hazards Not classified.

OSHA defined hazards None.

Label elements



Signal word Danger.

Hazard statement Causes mild skin irritation.
Causes serious eye damage.

Precautionary statement

Prevention Wear eye protection/face protection.

Response If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue Rinsing. Immediately call a POISON CENTER/doctor/medical professional.

Storage

Disposal

Hazard(s) not otherwise classified (HNOC) None.

Supplemental information None.

3. Composition/information on ingredients

Mixture Component(s)		
Chemical name	CAS number	%
Diethylene glycol aminobutyl ether	112-34-5	8 - 9
Alkyl (68% C12, 32% C14) ammonium chloride	85409-23-0	0.105
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.105
Other components below reportable levels		90-92



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4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Immediately call a physician or transport to a medical service facility.
Ingestion	Rinse mouth. Get medical attention immediately. Do not induce vomiting.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂)
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread a liquid-fueled fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities and/or emergency services should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	<p>This product is fully miscible in water.</p> <p>Large spills: Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements, or confined areas. Following product recovery, flush area with water.</p> <p>Small spills: Wipe up with absorbent material (e.g., cloth, synthetic textile wipes). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.</p>
Environmental precautions	Avoid discharge into areas not consistent with package labeling.



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7. Handling and storage

Precautions for safe handling Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Store away from incompatible materials (see section 10 of the Safety Data Sheet).

8. Exposure controls/personal protection

Occupational exposure limits Not classified.

Biological limit values Not classified.

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. It is recommended that users of this product perform a risk assessment to determine the appropriate personal protective equipment.

Individual protection measures, such as personal protective equipment

- Eye/face protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
- Skin protection**
 - Hand protection** Wear appropriate chemical resistant gloves.
 - Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
- Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment.
- Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

- Physical State** Liquid.
- Color** Blue.

Odor Fresh, aromatic.

Odor threshold Not available.

pH 12-12.5

Melting/freezing point 32°F (0°C) estimated.

Initial boiling point and boiling range >212°F (>100°C) estimated.

Flash point >212°F (>100°C) estimated.

Evaporation rate Not available.

Flammability Not available.

Flammability Limits

- Upper** Not available.
- Lower** Not available.

Vapor pressure Not available.

Vapor density Not available.



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Specific gravity (water=1) 1.01

Solubility in water Soluble.

Partition coefficient (n-octanol/water) Not applicable

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

10. Stability and reactivity

Reactivity This product is stable and non-reactive under normal conditions of use.

Chemical stability Material is stable under normal conditions. Store in a cool dark place.

Possibility of hazardous reactions Hazardous polymerization does not occur

Conditions to avoid Avoid storage in elevated temperatures.

Incompatible materials Bases, amines, metals.

Hazardous decomposition products No hazardous decomposition products occur. In case of fire see section 5.

11. Toxicological information

Information on likely routes of exposure

Ingestion Do not ingest. May be harmful if swallowed.

Inhalation Do not inhale. May cause damage to the upper respiratory tract.

Skin contact Can cause skin irritation with persistent contact.

Eye contact Can cause serious eye damage. Wear appropriate protective clothing (see section 8).

Symptoms related to the physical, chemical, and toxicological characteristics Dermatitis. Rash. May cause an allergic skin reaction.

Acute toxicity Not classified.

Product Sani-Bowl Non-Acid Bowl Cleaner (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀
Acute	Oral, rat	>2,300 mg/kg (Estimated)
Acute	Dermal, rabbit	> 3,240 mg/kg (Estimated)

*Estimates for product may be based on additional component data not shown

Skin corrosion/irritation Causes mild skin irritation.

Serious eye damage/irritation Causes serious eye damage.

Respiratory sensitization Not considered a respiratory sensitizer.

Skin sensitization Not considered a skin sensitizer.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not considered a carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not Listed.

Reproductive toxicity No data available.



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Specific target organ toxicity – single exposure No data available.

Aspiration hazard No data available.

12. Ecological information

Ecotoxicity		
Product Sani-Bowl Non-Acid Bowl Cleaner (CAS mixture)		
Aquatic	Species	Test Results
Fish	Fathead Minnow	LC ₅₀ =243 mg/L estimated
Crustacea	Daphnia magna	EC ₅₀ =6 mg/L estimated
*Estimates for product may be based on additional component data not shown		

Persistence and degradability No data available. Chemicals in these classes are known to degrade readily in a toxic environment

Bioaccumulative potential Not data available Not expected to accumulate in biological systems

Partition coefficient n-octanol/water (log K_{ow}) Not available.

Mobility in soil No data available. Expected to have moderate mobility in saturated and partially saturated soil matrix

Other adverse effects Ammoniacal components are known to be harmful to plants or wildlife in high concentrations.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations

Hazardous waste code The waste code should be assigned in discussion between the user, the producer, and the waste disposal company. As packaged, this product is not believed to be a characteristic hazardous waste when disposed. Validate waste character and identification with local authorities before disposing of un-used product

Waste from residues/unused product Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT Not classified as dangerous goods.

15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed.

SARA 311/312 Hazard Categories

Immediate Hazard - Yes



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Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

California Proposition 65



WARNING This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other information, including date of preparation or last revision.

Issue date 4/1/2015
 Revision date 3/18/2021
 Version # 2
 Registration
 HMIS® ratings Health: 2
 Flammability: 0
 Physical hazard: 0

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA ratings Health: 2
 Flammability: 0
 Instability: 0



Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.

Revision information Skin hazard category change 3 – 2; Prop 65; General format update; txt changes to Sections 1,2,4,6,7,8 and 11; Add HMIS and NFPA pictograms; update physical description and waste management instructions.