

SAFETY DATA SHEET

Date Prepared : 6/2/2015
SDS No : Biocide_SDS

Biocide Tabs

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Biocide Tabs
GENERAL USE: Condensation Drain Pan Maintenance
PRODUCT CODE: K40-60030

MANUFACTURER

Ultra-Chem Inc.
8043 Flint
Lenexa, KS 66214

Emergency Phone: 913-492-2929

Customer Service: 800-451-0726

Transportation: 800-535-5053

24 HR. EMERGENCY TELEPHONE NUMBERS

Infotrac 800-535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 4
Acute Toxicity (Dermal), Category 4
Acute Toxicity (Inhalation), Category 3
Skin Corrosion / Irritation, Category 1 Subcategory B
Serious Eye Damage / Eye Irritation, Category 1

GHS LABEL

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)



Skull and
crossbones



Corrosion

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H331: Toxic if inhaled.
H314: Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS

Prevention:

P264: Wash face, hands and any exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P271: Use only outdoors or in a well-ventilated area.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ethyl Alcohol	< 5	64-17-5
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	< 20	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	< 20	68956-79-6

4. FIRST AID MEASURES

EYES: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

HAZARDOUS COMBUSTION PRODUCTS: May include Carbon monoxide, Carbon dioxide and other toxic gases or vapors.

OTHER CONSIDERATIONS: In a fire or if heated, a pressure increase will occur and the container may burst.

FIRE FIGHTING PROCEDURES: Move containers from fire if possible without risk. Cool tightly closed container with water from the side until well after fire is out.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

GENERAL PROCEDURES: No action should be taken involving and personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

7. HANDLING AND STORAGE

HANDLING: Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

STORAGE: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
				EXPOSURE LIMITS			
				OSHA PEL		ACGIH TLV	
Chemical Name				ppm	mg/m ³	ppm	mg/m ³
Ethyl Alcohol		TWA		1000	1900	1000	1884

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield

SKIN: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

PROTECTIVE CLOTHING: Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	103

PHYSICAL STATE: Solid

ODOR: Pleasant

ODOR THRESHOLD: No data available

APPEARANCE: Light brown contents packaged in a plastic container.

pH: No data available

FLASH POINT AND METHOD: No data available

FLAMMABLE LIMITS: No data available

AUTOIGNITION TEMPERATURE: No data available

VAPOR PRESSURE: No data available

VAPOR DENSITY: No data available

BOILING POINT: No data available

THERMAL DECOMPOSITION: No data available

SOLUBILITY IN WATER: 73 -85%

EVAPORATION RATE: No data available

DENSITY: NA = Not Applicable

SPECIFIC GRAVITY: No data available

VISCOSITY: Water thin

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable under recommended storage conditions.

POLYMERIZATION: Hazardous polymerization does not occur.

CONDITIONS TO AVOID: Heat, flames and sparks

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents, caustics and acids.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	500	> 2000

INHALATION LC₅₀: May be fatal if inhaled. May cause irritation of the mucous membrane. May cause irritation of respiratory tract. Avoid breathing dust.

EYE EFFECTS: Severe eye irritation. Causes serious eye damage and possible burns to eyes. May cause irreversible eye damage. Avoid contact with eyes.

SKIN EFFECTS: May be fatal if absorbed through skin. Contact causes severe skin irritation and possible burns. Avoid contact with skin.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This material has not been tested for acute environmental effects.

ECOTOXICOLOGICAL INFORMATION: Toxic to aquatic life with long lasting effects. Avoid release to the environment.

BIOACCUMULATION/ACCUMULATION: No data available

DISTRIBUTION: No data available

CHEMICAL FATE INFORMATION: No data available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Not regulated for domestic ground transportation

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

TSCA (TOXIC SUBSTANCE CONTROL ACT)

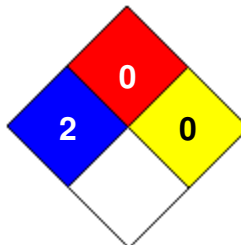
Chemical Name	CAS
Ethyl Alcohol	64-17-5
N-alkyl (c 12-18)-n,n,-dimethyl-n-benzylammonium Chloride	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6

16. OTHER INFORMATION

PREPARED BY: KH Date Prepared: 6/2/2015

HMIS RATING

HEALTH	*	2
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES

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