Material Safety Data Sheet

Choloro Tab K13

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1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION OF THE COMPANY

- Product Name :- Choloro Tab K13
- Company name :- Ultrakem Detergents &Sanitizers
- Telephone :- 050-4968668
- Email :- info@ultra-kem.com
- Web site :- www.ultra-kem.com

2 COMPOSITION / INFORMATION ON INGREDIENTS

	Weight percentage	EC Number	CAS Number
Sodium dichloro iso cyanurate dehydrate	>30 %	---	4638-92-0

3 HAZARDS IDENTIFICATION

Classification of the substance or mixture

- Classification under CLP:
- Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;
- Eye Irrit. 2: H319;
- STOT SE 3: H335; -: EUH031
- Most important adverse effects:

- Harmful if swallowed. Contact with acids iberates toxic gas. Irritating to eyes and respiratory system. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Label elements
- Hazard statements:
- EUH031: Contact with acids liberates toxic gas. H302:
- Harmful if swallowed. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H410: Very toxic to
- aquatic life with long lasting effects.
- Signal words: Warning
- Hazard pictograms:
- GHS07: Exclamation mark, GHS09: Environmental
- Precautionary statements:
- Use only outdoors or in a well-ventilated area.
- : Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes.
- Remove contact lenses, if present and easy to do. Continue rinsing, CALL POISON CENTRE or doctor if you feel unwell.
- **2.3) Other hazards**
- **PBT:** This product is not identified as a PBT/vPvB substance.

4 FIRST AID MEASURES

- General Information:
- Inhalation: Remove person to fresh air and keep comfortable for breathing.
- Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
- Eye contact: Hold eyelids apart and flush eyes with plenty of warm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE, doctor or physician.

- Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.
- Self-protection of first aider: Consider personal protective equipment
- First aid facilities: Eyewash facilities should be considered in a workplace where necessary.

5 FIRE FIGHTING MEASURES

- Extinguishing media
- Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.
- Special hazards arising from the substance or mixture
- No special hazards known.
- Advice for firefighters
- As in any fire, wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures:
- Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not create dust.
- Environmental precautions:
- Do not discharge into drains or rivers.
- Methods and material for containment and cleaning up
- Clean-up procedures: Transfer to a closable, labelled salvage container for
- disposal by an appropriate method.
- Reference to other sections:
- Refer to section 8 of SDS.

• HANDLING & STORAGE

- Measures required to protect the environment:
- For environmental exposure controls see subsection 8.2.

- Advices on general occupational hygiene:
- Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs.
- Do not mix with other products.
- Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. Avoid contact with eyes. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.
- Conditions for safe storage, including any incompatibilities
- Store in accordance with local and national regulations. Store in a closed container. Keep only in original container.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

- Recommended safety measures for handling the undiluted product:
- Appropriate engineering controls: No special requirements under normal use conditions.
- Appropriate organizational controls: No special requirements under normal use conditions.
- Personal protective equipment
- Eye / face protection: Safety glasses are not normally required.
- Hand protection: No special requirements under normal use conditions.
- Body protection: No special requirements under normal use conditions.
- Respiratory protection: No special requirements under normal use conditions.
- Environmental exposure controls: No special requirements under normal use conditions.

9 PHYSICAL & CHEMICAL PROPERTIES

- Appearance: White tablets
- Colour : White
- Odour : Chlorine-like
- Solubility : Soluble in water
- Boiling point/range°C: > 220°C

- Odour: pH (1% solution): 6.5 typical
- Other information: No data available.
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10 STABILITY & REACTIVITY

Reactivity

- No reactivity hazards known under normal storage and use conditions.
- Chemical stability
- Stable under normal storage and use conditions.
- Possibility of hazardous reactions
- No hazardous reactions known under normal storage and use conditions.
- Conditions to avoid
- None known under normal storage and use conditions - Keep away from Heat.
- Incompatible materials
- Reacts with Strong oxidizing agents- Strong acids- Water.
- Hazardous decomposition products
- None known under normal storage and use conditions.
- Decomposition may occur on exposure to conditions .

11 TOXICOLOGICAL INFORMATION

- 11.1) Information on toxicological effects
- Hazardous ingredients:
- Sodium dichloroisocyanurate dihydrate
- ORL RAT LD50 1420 mg/kg
- ORL RBT LDLO 2500 mg/kg
- Symptoms / routes of exposure
- Skin contact: There may be irritation and redness at the site of contact.
- Eye contact: There may be irritation and redness. The eyes may water profusely.
- Ingestion: There may be soreness and redness of the mouth and throat.

- Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- Delayed / immediate effects: Immediate effects can be expected after short term exposure.

12 ECOLOGICAL INFORMATION

- Toxicity
- Ecotoxicity values:
- No data available.
- Persistence and degradability:
- Not biodegradable.
- Bioaccumulative potential:
- Bioaccumulation potential.
- Mobility in soil:
- Results of PBT and vPvB assessment
- PBT identification: This product is not identified as a PBT/vPvB substance.
- Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

13 DISPOSAL CONSIDERATIONS

- Waste treatment methods
- Disposal operations:
- Transfer to a suitable container and arrange for collection by specialised disposal company.
- The user's attention is drawn to the possible existence of regional or national regulations regarding disposal
- does not contain any prescribed substance under the Environmental Protection Act

14 Transport information

- EEC Regulation :
- Environmentally Hazardous Substances, Solid, NOS (Sodium Dichloroisocyanurate, Anhydrous), UN3077, Hazchem 2Z
- IMDG/UN :

- ICAO/IATA : Passenger Aircraft: 911, Y911
- Cargo Aircraft: 911
- Special precautions: No special precautions.
- Environmentally Hazardous Substances, Solid, NOS (Sodium Dichloro iso cyanurate, Anhydrous), UN3077, Class 9, PG III
- RID/ADR : Class 9

15 REGULATORY INFORMATION

- Hazard symbol :
- Xn, HARMFUL, N, Dangerous to the environment - Contains Sodium dichloroisocyanurate, anhydrous
- Risk phrases :
- R22 Harmful if swallowed.
- R31 Contact with acids liberates toxic gas.
- R36/37 Irritating to eyes and respiratory system.
- R50/53 Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- Safety phrases :
- S2 Keep out of reach of children.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

16 OTHER INFORMATION

Abbreviations

- ACGIH American Conference of Governmental Industrial Hygienists
- CAS # Chemical Abstract Service number - used to uniquely identify chemical compounds
- CNS Central Nervous System
- EC No. EC No - European Community Number
- GHS Globally Harmonized System

- IARC International Agency for Research on Cancer
- LD50 Lethal Dose, 50% / Median Lethal Dose
- mg/m³ Milligrams per Cubic Meter
- PEL Permissible Exposure Limit
- pH relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
- ppm Parts Per Million
- REACH Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals
- STOT-RE Specific target organ toxicity (repeated exposure)
- STOT-SE Specific target organ toxicity (single exposure)
- SUSMP Standard for the Uniform Scheduling of Medicines and Poisons
- TLV Threshold Limit Value
- TWA/OEL Time Weighted Average or Occupational Exposure Limit