Material Safety Data Sheet

Ultra Dis K10

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1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION OF THE COMPANY

- Product Name :- Ultra Dis K10
- 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	EINECAS No	CAS NO
Alkyl dimethyl benzyl ammonium chloride)	(<5%) %	273-544-1	68989-00-4	C,N: R22-34-50
1,2-benzisothiazol-3(2H)-one (preservative)	0.1-1 %	2634-33-5	--	

3 HAZARDS IDENTIFICATION

- Irritant - risk of serious damage to eyes.
- Irritant - irritating to skin.
- This product contains a material with an OES/MEL published in HSE document EH40.

4 FIRST AID MEASURES

- General Information:

- Eyes : Rinse immediately with amounts of water, holding the eyelids open and obtain immediate medical attention.
- Inhalation : Remove from source of exposure. Seek medical advice if effects persist.
- Skin : Wash thoroughly with soap and water
- Ingestion : Remove product from mouth, give the casualty a small quantity of water to drink and seek medical advice. Do not induce vomiting.

5 FIRE FIGHTING MEASURES

- NON FLAMMABLE - In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder
- Extinguishers. May evolve toxic fumes if involved in a fire. Firefighters should wear self-contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.
- 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: - Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.
- Wear suitable gloves and eye/face protection. Hose away with plenty of water diluting to at least 2.5% w/v (25 g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or Absorb onto dry sand or similar material and dispose of to a licensed waste management company.

7 HANDLING & STORAGE

- No special precautions required.

- Storage :-Store in a cool, dry, well ventilated area, removed from foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
- Avoid contact with skin and eyes.
- Wear suitable eye/face protection.
- Rinse and dry hands after use, for prolonged contact protection of the hands may be necessary.
- Do not mix with any other chemicals
- No specific advice for end use available.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

- Exposure controls
- Hand For prolonged contact, the use of rubber gloves resistant to detergents is recommended.
- Eyes If a risk assessment shows the need, wear eye/face protection to EN 166.
- Skin Wear normal work ware overalls or coat.
- Respiration Personal protection is not normally required unless a risk assessment indicates the need for it.
- OES/MEL : 2-Aminoethanol, (Ethanolamine), (Monoethanolamine)
- O.E.S. 15 mg/cu.m 15 min ref time
- O.E.S. 7.6 mg/cu.m 8 hour TWA

9 PHYSICAL & CHEMICAL PROPERTIES

- Appearance : Clear pink liquid
- Odor : Characteristic
- PH : 7 - 8
- Solubility : Fully miscible in water.
- Density : 1.02 g/cm3
- Flammability :NON FLAMMABLE

- Flash point : NOT RELEVANT
- Melting point : NOT AVAILABLE
- Evaporation rate : NOT AVAILABLE
- Decomposition temperature : NOT AVAILABLE Viscosity : NOT AVAILABLE

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.
- Incompatible materials
- Chemical stability:- Stable under recommended conditions of storage.
- Exothermic reaction with acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

11 TOXICOLOGICAL INFORMATION

- Eyes : Strong irritant with the danger of severe eye injury.
- Skin : Irritant
- Inhalation : Irritant
- Ingestion : Irritant

12 ECOLOGICAL INFORMATION

Toxicity

- No data is available on the mixture.
- Aquatic long-term toxicity

- Alkyl dimethyl benzyl ammonium chloride) No data available
- Biodegradation Ready biodegradability - aerobic conditions
- Alkyl dimethyl benzyl ammonium chloride) No data available
- Ingredients according to EC 89/542:
- 5% to 15% : Cationic surfactants.
- 5% to 15% : Nonionic surfactants.

13 DISPOSAL CONSIDERATIONS

- Waste treatment methods
- Waste from residues / unused products:
- The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.
- Empty packaging
- Recommendation: Dispose of observing national or local regulations.

14 Transport information

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
UN number	None Allocated	None Allocated	None Allocated
Proper shipping name	None Allocated	None Allocated	None Allocated
DG class/ Division	None Allocated	None Allocated	None Allocated

- Subsidiary risk(s) None Allocated None Allocated None Allocated
- Packing group None Allocated None Allocated None Allocated

15 REGULATORY INFORMATION

- Hazard symbol : Xi, IRRITANT
- Risk phrases : R38 Irritating to skin.
- : R41 Risk of serious damage to eyes.
- Safety phrases : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- : S37/39 Wear suitable gloves and eye/face protection.
- This product contains a material with an OES/MEL published in HSE document EH40.

16 OTHER INFORMATION

- Handle and apply only as recommended, for full information see product information sheet
- Text of risk phrases associated with ingredients listed in section 2.
- R20 Harmful by inhalation.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R50 Very toxic to aquatic organisms..

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 Metre
- 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, Authorisation 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