Material Safety Data Sheet

Dishwasher Rinse W5

Material Safety Data Sheet

Dishwasher Rinse
W5

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION OF THE COMPANY

- Product Name :- Dishwasher Rinse W5
- 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 CUMENE SULPHONATE	1-5 %	239-854-6	15763-76-5
Non ionic Surfactant	1-5 %	---	127087 87 0

3 HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture Classification
- Physical hazards
  - Not Classified
- Health hazards
  - Not Classified
- Environmental hazards
  - Not Classified

- 2.2. Label elements
- Hazard statements
  - EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE. May produce an allergic reaction.
- Precautionary statements
  - Keep out of reach of children.
  - IF SWALLOWED:
  - Get medical advice/ attention.
  - Dispose of contents/ container in accordance with local regulations.
- 2.3. Other hazards
- This product does not contain any substances classified as PBT or vPvB.

4 FIRST AID MEASURES

- 4.1. Description of first aid measures
- Inhalation
  - Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
- Ingestion
  - Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.
- Skin contact
  - Wash with plenty of water.
- Eye contact
  - Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.
- 4.2. Most important symptoms and effects, both acute and delayed
- General information
  - The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
- Inhalation
  - No specific symptoms known.
- Ingestion
  - No specific symptoms known. But - May cause discomfort if swallowed.
- Skin contact
  - No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils

from skin.

- Eye contact
- No specific symptoms known. Prolonged contact may cause redness and/or tearing.
- 4.3. Indication of any immediate medical attention and special treatment needed
- Notes for the doctor Treat symptomatically.

5 FIRE FIGHTING MEASURES

- 5.1. Extinguishing media
- Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
- 5.2. Special hazards arising from the substance or mixture
- Specific hazards Thermal decomposition or combustion products may include the following substances:
- Irritating gases or vapours.
- 5.3. Advice for firefighters
- Special protective equipment Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective for firefighters clothing.

ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
- Personal precautions No special protective clothing. (See Sec 8)
- 6.2. Environmental precautions
- Environmental precautions Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
- 6.3. Methods and material for containment and cleaning up
- Methods for cleaning up Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
- 6.4. Reference to other sections

- Reference to other sections For personal protection, see Section 8.

HANDLING & STORAGE

- 7.1. Precautions for safe handling
- Usage precautions No specific recommendations.
- 7.2. Conditions for safe storage, including any incompatibilities
- Storage precautions Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.
- 7.3. Specific end use(s)
- Specific end use(s) The identified uses for this product are detailed in Section 1.2.
- Usage description See Product Information Sheet & Label for detailed use of this product.

EXPOSURE CONTROL / PERSONAL PROTECTION

- 8.1. Control parameters
- Ingredient comments
  - No exposure limits known for ingredient(s).
- 8.2. Exposure controls
- Appropriate engineering controls
  - Not relevant.
- Eye/face protection
  - No specific eye protection required during normal use.
- Hand protection No specific hand protection recommended.
- Other skin and body None required. protection
- Respiratory protection Respiratory protection not required.

PHYSICAL & CHEMICAL PROPERTIES

- 9.1. Information on basic physical and chemical properties
- Appearance Liquid.

• Colour	• Clear. Blue.
• Odour	• Characteristic.
• pH	• pH (concentrated solution): 6.00
• Melting point	• -3°C
• Initial boiling point and range	• 103°C @ 760 mm Hg
• Flash point	• Boils without flashing.
• Relative density	• 1.014 @ 20°C
• Solubility(ies)	• Soluble in water.
• 9.2. Other information	
• Other information	• None.

10 STABILITY & REACTIVITY

10.1. Reactivity

- Reactivity There are no known reactivity hazards associated with this product.
- 10.2. Chemical stability
- Stability No particular stability concerns.
- 10.3. Possibility of hazardous reactions
- Possibility of hazardous See sections 10.1,10.4 & 10.5 reactions
- 10.4. Conditions to avoid
- Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.
- 10.5. Incompatible materials
- Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

- 10.6. Hazardous decomposition products
- Hazardous decomposition No known hazardous decomposition products.

11 TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects
- Toxicological effects We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.
- Other health effects Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

12 ECOLOGICAL INFORMATION

- Ecotoxicity Not regarded as dangerous for the environment.
- 12.1. Toxicity
- Toxicity We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.
- 12.2. Persistence and degradability
- Persistence and degradability The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.
- 12.3. Bioaccumulative potential
- Bio accumulative potential The product does not contain any substances expected to be bio accumulating.
- 12.4. Mobility in soil
- Mobility Not known.
- 12.5. Results of PBT and vPvB assessment
- Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB.
- Assessment
- 12.6. Other adverse effects

- Other adverse effects Not known.

13 DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods
- Disposal methods Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Consign empty container to normal waste.

14 Transport information

- General Not classified for Transport.
- 14.1. UN number Not applicable.
- 14.2. UN proper shipping name Not applicable.
- 14.3. Transport hazard class(es) Not regulated.
- 14.4. Packing group Not applicable.
- 14.5. Environmental hazards
- Environmentally hazardous substance/marine pollutant No.
- 14.6. Special precautions for user Not applicable.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
- Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15 REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.
- Ingredients according to EC Detergents Regulation 648/2004
- non-ionic surfactants < 5%

- 15.2. Chemical safety assessment
- No chemical safety assessment has been carried out as not applicable as this product is a mixture.

16 OTHER INFORMATION

- Abbreviations and acronyms used in the safety data sheet
  - PBT: Persistent, Bio accumulative and Toxic substance. vPvB: Very Persistent and Very Bio accumulative.
  - ATE: Acute Toxicity Estimate.
  - REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
  - GHS: Globally Harmonized System.
  - Spec Conc Limits = Specific Concentration Limits.
- Classification abbreviations and acronyms
  - Acute Tox. = Acute toxicity
  - Aquatic Acute = Hazardous to the aquatic environment (acute)
  - Eye Dam. = Serious eye damage
  - Eye Irrit. = Eye irritation
  - Skin Irrit. = Skin irritation
  - Skin Sens. = Skin sensitisation
- Hazard statements in full H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.