Material Safety Data Sheet

ProStar K12

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1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION OF THE COMPANY

- Product Name :- ProStar K12
- 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 dodecylbenzene sulfonate	3-7 %	---	25155-30-0
Sodium lauryl ether sulfate	1-9 %	---	9004-82-4
Sodium Hydroxide	1-5 %	---	**1310-73-2**
Magnesium sulphate	0.5-1 %		7487-88-9

3 HAZARDS IDENTIFICATION

Classification of the substance or mixture

- Classification for the undiluted product
- This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS)

- Hazard Statements None required.
- Physical hazards not otherwise classified (PHNOC) – Not applicable
- Precautionary Statements None required.
- Health hazards not otherwise classified (HHNOC) - Not applicable

4 FIRST AID MEASURES

General Information:

- Undiluted Product: Eyes: Rinse with plenty of water.
- Ingestion: Rinse mouth with water.
- If irritation occurs and persists, get medical attention.
- Skin: No specific first aid measures are required.
- Immediate medical attention and special treatment needed Not applicable.
- Inhalation: No specific first aid measures are required.

5 FIRE FIGHTING MEASURES

- Specific methods: No special methods required
- Suitable extinguishing media: The product is not flammable.
- Extinguish fire using agent suitable for surrounding fire.
- Specific hazards: None known.
- Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
- Extinguishing media which must not be used for safety reasons: No information available

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
- Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7 HANDLING & STORAGE

- Measures required to protect the environment:
- Handling: Avoid contact with skin and eyes. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
- Storage: Keep tightly closed in a dry, cool and well-ventilated place.
- Aerosol Level (if applicable) : Not applicable
- Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs.
- Store in accordance with local and national regulations. Store in a closed container. Keep only in original container.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

- Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
- Undiluted Product: Engineering measures to reduce exposure: Good general ventilation should be sufficient to control airborne levels.
- Personal Protective Equipment It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.
- Eye protection: No personal protective equipment required under normal use conditions.
- Hand protection: No personal protective equipment required under normal use conditions.
- Skin and body protection: No personal protective equipment required under normal use conditions.
- Respiratory protection: No personal protective equipment required under normal use conditions.
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9 PHYSICAL & CHEMICAL PROPERTIES

- Physical State: Liquid Colorless
- Evaporation Rate: No information available
- Odor: non
- pH: ≈ 10-11
- threshold: No information available.
- Boiling point/range: Not determined
- Melting point/range: Not determined
- Decomposition temperature: Not determined
- Autoignition temperature: No information available
- Solubility: Completely Soluble
- Solubility in other solvents: No information available
- Relative Density (relative to water): 1.03
- Density: Specific gravity: 1.03 Kg/L
- Vapor density: No information available
- Bulk density: No information available
- Vapor pressure: No information available.
- Flash point (°F): > 200 °F > 93 °C
- Partition coefficient (n-octanol/water): No information available
- Viscosity: 120 Elemental Phosphorus: 0.00 % by wt. VOC: 0.5 %
- Flammability (Solid or Gas): Not applicable

10 STABILITY & REACTIVITY

- Reactivity: Not Applicable
- Stability: The product is stable
- Hazardous decomposition products: None reasonably foreseeable.
- Materials to avoid: Do not mix with any other product or chemical unless specified in the use directions.
- Conditions to avoid: None known.

11 TOXICOLOGICAL INFORMATION

- Information on likely routes of exposure: Skin contact, Inhalation, Eye contact
- Delayed, immediate, or chronic effects and symptoms from short and long-term exposure
- Skin contact: Unlikely to be irritant in normal use.
- Eye contact: May be mildly irritating to eyes.
- Ingestion: No information available.
- Inhalation: No information available.
- Sensitization: No known effects.
- Target Organs (SE): None known
- Target Organs (RE): None known
- Numerical measures of toxicity
- ATE - Oral (mg/kg): >5000
- ATE - Dermal (mg/kg): >5000

12 ECOLOGICAL INFORMATION

Toxicity

- Ecotoxicity values:
- No data available.

Persistence and degradability:

- Not biodegradable.

Bioaccumulative potential:

- No information available

13 DISPOSAL CONSIDERATIONS

- Waste treatment methods
- undiluted product): This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste.
- Dispose in compliance with all Federal, state, provincial, and local laws.

- The user's attention is drawn to the possible existence of regional or national regulations regarding disposal
- RCRA Hazard Class (undiluted product): Not Regulated
- RCRA Hazard Class (diluted product): Not Regulated
- Contaminated Packaging: Do not re-use empty containers.

14 Transport information

- DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.
- DOT (Ground) Bill of Lading Description: NOT REGULATED
- IMDG (Ocean) Bill of Lading Description: NOT REGULATED

15 REGULATORY INFORMATION

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Sodium dodecylbenzene sulfonate	25155-30-0	X	X	X	X
Sodium lauryl ether sulfate	9004-82-4 5	-	-	-	-
Magnesium sulphate	7487-88-9 5	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	X
Sodium hydroxide	1310-73-2	X	X	X	X

16 OTHER INFORMATION

- NFPA (National Fire Protection Association) Rating Scale:
- (Low Hazard) 0 - 4
- (Extreme Hazard)
- Health 0
- Flammability 0
- Instability 0
- Special Hazards -

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