Material Safety Data Sheet

Cleanzo Plus Z13

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1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION OF THE COMPANY

- Product Name :- Cleanzo Plus Z13
- 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 lauryl ether sulfate	1-5 %	---	68891-38-3
sodium lauryl sulfate	1-10 %	---	96023-99-3
alkyldimethylbenzylammonium chloride	0.1-1 %	264-151-6	8001-54-5

3 HAZARDS IDENTIFICATION

Other hazards

- No other hazards known.

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
- Wear eye/face protection.
- Environmental precautions
- Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.
- Methods and material for containment and cleaning up
- Absorb with liquid-binding material (sand, diatomite, universal binders, saw dust).

7 HANDLING & STORAGE

- Measures to prevent fire and explosions:
- No special precautions required.
- 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. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).
- 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

- Physical State: Liquid
- Colour: Clear Colorless viscous liquid

- Odour: Product specific
- Odour threshold: Not applicable
- Solubility in / Miscibility with Water: Fully miscible
- Decomposition temperature: Not applicable.
- pH: ≈ 7.8
- Melting point/freezing point (°C): Not determined Not relevant to classification of this product
- Initial boiling point and boiling range (°C): Not determined
- Flash point (°C): Not applicable.
- Sustained combustion: Not applicable.
- Evaporation rate: Not determined Not relevant to classification of this product
- Flammability (solid, gas): Not applicable to liquids
- Upper/lower flammability limit (%): Not determined
- Vapour pressure: Not determined
- Vapour density: Not determined Not relevant to classification of this product
- Relative density: ≈1.02(20°C)
- Auto ignition temperature: Not determined
- Viscosity: ≈850m Pa.s(20°C)
- Explosive properties: Not explosive.
- Oxidizing properties: Not oxidizing

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
- Reacts with acids.

- Hazardous decomposition products
- None known under normal storage and use conditions.

11 TOXICOLOGICAL INFORMATION

- Acute oral toxicity — Value mg\kg
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — 1200
- Acute dermal toxicity
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — >2000
- Acute inhalative toxicity
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — No data available
- Skin irritation and corrosivity
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — Irritant
- Eye irritation and corrosivity
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — Severe damage
- Sensitisation by skin contact
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — Not sensitising
- Sensitisation by inhalation
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — No data available
- Carcinogenicity
- Sodium lauryl polyethoxyethanol sulfate — No data available
- sodium dodecyl sulphate — No evidence for carcinogenicity, negative test results
- Toxicity for reproduction
- Sodium lauryl polyethoxyethanol sulfate — No data available

- sodium dodecyl sulphate 240
- sulphonic acids, C14-16-alkane No data available
- hydroxy and C14-16-alkene, sodium salts
- Sub-chronic dermal toxicity
- Sodium lauryl polyethoxyethanol sulfate No data available
- sodium dodecyl sulphate No data available
- sulphonic acids, C14-16-alkane No data available
- hydroxy and C14-16-alkene, sodium salts
- Chronic toxicity
- Sodium lauryl polyethoxyethanol sulfate No data available
- sodium dodecyl sulphate No data available
- sulphonic acids, C14-16-alkane No data available
- hydroxy and C14-16-alkene, sodium salts

12 ECOLOGICAL INFORMATION

Toxicity

- No data is available on the mixture. Value mg\l
- Aquatic short-term toxicity
- Sodium lauryl polyethoxyethanol sulfate No data available
- sodium dodecyl sulphate No data available
- sulphonic acids, C14-16-alkane No data available
- hydroxy and C14-16-alkene, sodium salts
- Terrestrial toxicity - soil invertebrates, including earthworms, if available
- Sodium lauryl polyethoxyethanol sulfate No data available
- sodium dodecyl sulphate No data available
- sulphonic acids, C14-16-alkane No data available
- hydroxy and C14-16-alkene, sodium salts
- Terrestrial toxicity – plants
- Sodium lauryl polyethoxyethanol sulfate No data available
- sodium dodecyl sulphate No data available
- sulphonic acids, C14-16-alkane No data available
- hydroxy and C14-16-alkene, sodium salts

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- Biodegradation Ready biodegradability - aerobic conditions
- Sodium lauryl polyethoxyethanol sulfate Readily biodegradable
- sodium dodecyl sulphate Readily biodegradable
- sulphonic acids, C14-16-alkane Readily biodegradable
- hydroxy and C14-16-alkene, sodium salts

13 DISPOSAL CONSIDERATIONS

- 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.
- Suitable cleaning agents: Water, if necessary with cleaning agent.

14 Transport information

- Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)
- UN number: Non-dangerous goods
- UN proper shipping name: Non-dangerous goods
- Transport hazard class(es): Non-dangerous goods
- Packing group: Non-dangerous goods
- Environmental hazards: Non-dangerous goods
- Special precautions for user: Non-dangerous goods

15 REGULATORY INFORMATION

- Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations:

- Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
- Chemical safety assessment
- The hazard classification of this cosmetic product does not require an approved handler.

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