

MSDS in accordance with 91/155/EC

1. Identification of the substance/preparation and company

Trade Name : FB 181

Application Area : Surface Disinfection & Hygiene

Identification of the company :

Name : UNICEM KİMYA SANAYİ VE TİCARET LTD. ŞTİ.

Address: Deri OSB, Kumpas Cad. No: 10, Tuzla/İSTANBUL

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2. Composition/Information on ingredients

Ingredient	Cas Number	Weight (%)
Alkyldimethylbenzylammoniumchloride	8001-54-5	5.00-15.00
Alkylalchoholetoxylate	68213-23-0	< 3.00
Sodiumgluconate	527-07-1	< 5.00
Phosphoric Acid	7664-38-2	< 3.00
Potassiumhydroxide	1310-58-3	< 1.00
Antimicrobial agent	N/A	< 1.00

3. Hazards Identification



i - Irritant

R38- May irritate skin.

4. First aid measures

Ingestion: unlikely to cause irritation. In that case, drink water, do not induce vomiting and seek medical advice.

Eye Contact: Irritating. In that case, flush eyes with water and seek medical advice if necessary.

Skin Contact: None.

Inhalation: None.

5. Fire-fighting measures

Flammability of the Product : Non-flammable.

Auto-Ignition Temperature : Not applicable.

Flash Points : Not applicable.

Flammable Limits : Not applicable.

Fire Hazards in Presence of Various Substances : None.

Explosion Hazards in Presence of Various Substances : None.

Fire Fighting Media and Instructions : Use CO₂, water or dry chemical.

6. Accidental release measures

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

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7. Handling and storage

Precautions: Keep locked up. Avoid contact with eyes and skin. **Storage:** Keep container in a cool, dry and well ventilated area. **Storage stability :** Shelf-life is 3 years.

8. Exposure controls / personal protection

Engineering Controls: None required. General room ventilation is adequate.
Personal Protection: Appropriate glove wearing is adequate to handle the product.

9. Physical and chemical properties

Physical form : Mobile liquid.
Colour : Transparent, colourless.
Odour : Sourish as characteristic. No fragrance added.
Density : 1,00 – 1,03.
Boiling Point : Not applicable.
Freezing Point: <-7°C.
pH : 3.5-5.0.
Solubility : Soluble in water.

10. Stability and reactivity

Chemical stability : Stable under normal conditions.
Possible Hazardous Reactions/Conditions : None
Conditions to Avoid : None
Materials to Avoid : None
Hazardous Decomposition Products : None

11. Toxicological information

Acute Effects: None.
Chronic Effects: None known.
LD50: (Rats oral); > 2.000 mg/kg.
Other Toxic Effects: None known.

12. Ecological information

Biodegradability : Biodegradable.
No concerns at relevant environmental concentrations.

13. Disposal considerations

Waste Disposal: Product as shipped is not considered to be hazardous waste when discarded. Large quantities can be disposed of by incineration. Do not landfill. Small Quantities can be flushed down sewer with excess water or dispose as liquid scrap. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

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14. Transportation Data

Packaged consumer product and bulk product not considered hazardous under DOT.

- **ADR/RID** : Not restricted.
- **ICAO/IATA** : Not restricted.
- **IMDG/GGV** : Not restricted. (Not classified as Dangerous goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea.)
- **UN Number** : Not applicable.
- **UN Proper Shipping Name:** None.

15. Regulatory information

- **Classification according to EC rules:**
- **Labelling in accordance with EC Directives:**



i - Irritant

- **R Phrases** : R38- May irritate skin.
- **S Phrases** : S2- Keep out of the reach of children, S24- Avoid contact with skin, S25 – Avoid contact with eyes. S26- In case with contact with eyes, rinse immediately with plenty of water and seek medical advice, S28- After contact with skin, wash plenty of soap-suds. S37- Wear suitable gloves. S50: Do not mix with acids.

16. Other information

The data is based on our current level of knowledge, and are intended to describe the product with regard to the requirements of safety. This given data should not be taken to imply any guarantee of a particular or general specifications. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm that may be caused by the use of this information. In all cases, our general conditions of sale is applied.