

SPARKLEAN MATERIAL SAFETY DATA SHEET

MSDS in accordance with 91/155/EC

1. Identification of the substance/preparation and company

Trade Name : SPK DESCALE
Application Area : Industrial Dishwasher Maintenance
Identification of the company :
Name : UNICEM KİMYA SANAYİ VE TİCARET LTD. ŞTİ.
Address: Dudullu OSB, Kadosan B 5-7, Ümraniye/İSTANBUL
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2. Composition/Information on ingredients

Nonionic surfactant, Phosporic acid, Corrosion inhibitor

3. Hazards Identification



C - Corrosive

R21 harmful in contact with skin, R35 causes severe burns, R41 risk of serious damage to the eyes.

4. First aid measures

Ingestion: May cause gastrointestinal irritation. In that case, dilute stomach contents by drinking 1-2 glasses of water; treat symptomatically.

Eye Contact: Harmful. In that case, flush eyes with water and seek medical advise.

Skin Contact: Harmful. In that case, remove contaminated clothing, rinse exposed skin with plenty of water and seek medical advise.

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.

Products of Combustion : 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 5 years.

8. Exposure controls / personal protection

Engineering Controls: None required. General room ventilation is adequate.
Personal Protection: None required.

9. Physical and chemical properties

Physical form : Mobile liquid.
Colour : Transparent.
Odour : No fragrance added.
Density : 1,20 – 1,30
Boiling Point : Not applicable.
Freezing Point: <-7°C.
pH : 0.5 – 1.0.
Solubility : Soluble in water.

10. Stability and reactivity

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

11. Toxicological information

Acute Effects: None.
Chronic Effects: None known.
LD50: -
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 under IATA regulations.
- **IMDG/GGV** : Not applicable. (Not classified as Dangerous goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea.)
- **UN Number** : -
- **UN Proper Shipping Name:** None.

15. Regulatory information

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



C - Corrosive

- **R Phrases** : R21, R35, R41.
- **S Phrases** : S2, S24, S25, S26, S37, S62.
- **Dangerous Component:** Phosphoric acid

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.