

MSDS in accordance with 91/155/EC

1. Identification of the substance/preparation and company

Trade Name : UNISTAIN R
Application Area : Laundry Hygiene
Identification of the company :
Name : UNICEM KİMYA SANAYİ VE TİCARET LTD. ŞTİ.
Address: Dudullu OSB, Kadosan B 5-7, Ümraniye/İSTANBUL
Phone : +90 216 415 60 65
e-mail : unichem@unichem.com.tr
emergency phone : +90 216 415 60 65

2. Composition/Information on ingredients

Cationic Surfactant <5%; Phosphonates <5%; Sulphamic acid 5-15%; Trade Secret 5-15%

3. Hazards Identification



C - Corrosive

R34- Causes burns.

4. First aid measures

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

Eye Contact: Irritating. In that case, flush eyes with water.

Skin Contact: Irritating. In that case, rinse exposed skin. Remove contaminated clothing and launder before reuse.

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.

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.

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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 : Colourless, transparent.

Odour : Slightly sour as characteristics. No fragrance added.

Density : 1.05 – 1.10

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.

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:** N/A

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15. Regulatory information

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



C - Corrosive

- **R Phrases** : R34- Causes burns.
- **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 water. S37- Wear suitable gloves.

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.