

MSDS in accordance with 91/155/EC

1 – IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- Commercial name : UNISTAIN R – RUST REMOVER
- Application area : Washing Textile Materials
- Company address : Unicem Kimya San. ve Tic. Ltd. Şti. Dudullu OSB, Kadosan B 5-7, Istanbul - Turkey
- Company tel/facs : +90 216 415 60 65 / +90 216 499 44 52
- Emergency tel : +90 216 415 60 65

2 – COMPOSITION

- Chemical composition : Sulfamic Acid, Phosponates
- Classification : According to EC list

3 – HAZARDS IDENTIFICATION

- Most important hazards : R22, R34, R36, R38, R41, R43
- Specific hazards : -

4 – FIRST AID MEASURES

- Skin contact : Wash with water
- Eye contact : Wash under running water for ten minutes, consult physician if necessary
- Ingestion : Drink water, do not induce vomiting, consult physician

5 – FIRE FIGHTING MEASURES

- Suitable extinguishing media : Any type suitable for environment
- Forbidden actions : -
- Protective equipment : Standart equipment
- Special hazards : -

6 – ACCIDENTAL RELEASE MEASURES

- Personal precautions : Working wearings are adequate.
- Environmental precautions : acidic, neutralization is necessary.
- Methods for cleaning : Collect the bulk, wash out the remainings.

7 – HANDLING AND STORAGE

- Handling : No special precautions necessary.
- Storage : -

8 – EXPOSURE CONTROLS

- Limit of exposure : -
- Control parameters : -
- Inspiration safety : -
- Eye protection : Safety goggles
- Skin protection : Any suitable working gloves
- Hygiene measures : Wash hands after use

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9 – PHYSICAL AND CHEMICAL PROPERTIES

- **Physical form** : Mobile liquid
- **Colour and odour** : colourless, no scented
- **Melting point** : -
- **Boiling point** : -
- **Flash point** : not applicable.
- **Explosive properties** : none.
- **Vapour pressure** : -
- **Density** : 1,07 – 1,09 kg/l
- **pH** : 0,5
- **Solubility** : Soluble in water

10 – STABILITY AND REACTIVITY

- **Conditions to avoid** : -
- **Materials to avoid** : -
- **Hazardous decomposition products** : Carbon monoxide

11 – TOXICOLOGICAL INFORMATION

- **Acute toxicity** : None known.
- **LD 50** : 125 mg/kg oral rat for magnesium fluorosilicate
- **Other toxic effects** : None known.

12 – ECOLOGICAL INFORMATION

- **Biological degradation:** Biodegredeable
- **Spreading to nature** : Spreads by water
- **Additional information:** -

13 – DISPOSAL CONSIDERATIONS

- **Removal of spillage** : Wash out by water
- **Suitable cleaning materials** : Water

14 – TRANSPORT INFORMATION

- **ADR/RID** : No restriction
- **UN Number** : Not applicable
- **ICAO/IATA** : No restricted under IATA regulations
- **IMDG/GGV** : Marine Pollutant: No

15 – REGULATORY INFORMATION

- **Classification according to EC rules:** Non hazardous substance
- **R phrases** : R22, R34, R36, R38, R41, R43
- **S phrases** : S2, S7, S24, S37
- **Dangerous components** : -

16 – OTHER INFORMATION

The data is based on our current level of knowledge, and is 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.