

WET-Treat® 4007

Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE

TRADE NAME : WET-Treat® 4007

MANUFACTURER : Henkel Industry AG

Mirdamad St. – Alborz Industry zone Ghzvin – Iran

Tel : +98 282 2221270

SUPPLIER : Pars Taban Chemical

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EMERGENCY INFORMATION : Quality Control Department

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2. COMPOSITION / DATA ON COMPONENTS

A blend of sodium sulfite, polycarboxylate, alkaliphosphate and phosphonate in water.

| CHEMICALS | SYMBOL | R-PHRASES | CAS-NR | EINECS-NR | VALUE (%) |
|----------------|--------|-----------|-----------|-----------|-----------|
| SODIUMSULPHIDE | - | R31 | 7757-83-7 | 231-821-4 | <20 |

3. HAZARDS IDENTIFICATION

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. The users must satisfy themselves that there are no circumstances requiring additional information or precautions.

THIS INFORMATION IS TAKEN FROM EX-HENKEL WATER TREATMENT TECHNICAL INFORMATION

| SYMBOL | R-PHRASES | S-PHRASES |
|--------|---|--|
| - | R31 :Contact with acids libaretetes toxic gases. | S2 : Keep out of the reach of children. S25 : Avoid contact with eyes. S46 : If swallowed seek medical advice immediately and show this container or label. |

4. FIRST AID MEASURES

- General Measures** : No specific measures are necessary.
- After inhalation** : Fresh air. After inhalation of spray mist, seek medical advice.
- After skin contact** : Rinse with running water and soap.
- After eye contact** : Immediately flush eyes with copious amounts of running water (for 10 minutes) , take medical advice from a specialist.
- After ingestion** : Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek immediate medical advice.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents : All suitable extinguishing agents are suitable. CO₂, water, sand, foam and as general methods.

Special hazards caused by the material, its products of combustion or flue gases:

Fire can cause release of :Sulphur dioxide (SO₂), Carbon monoxide (CO)

Protective equipment: Wear self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Ensure adequate ventilation. Avoid contact with skin and eyes.

Environmental Precautions : Do not empty into drains / surface water / ground

water.

Process for cleaning and take-up : Remove with liquid-absorbing material (sand, peat, sawdust). Wash away residue with plenty of water.

7. HANDLING AND STORAGE

Information for safe handling: Store in cool, dry conditions in well sealed containers.

No special precautions necessary if used correctly.

Information about protection against explosions and fires: No special measures required.

Storage

Requirements to be met by storerooms and containers: No special requirements.

Information about storage in one common storage facility: Store away from foodstuffs.

Do not store together with acids.

Further information about storage conditions: Store in cool, dry conditions in well sealed containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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Additional information for system design : Ensure good ventilation/suction at the workplace.

Components with specific control parameters for workplace:

Personal Protection

- Breathing Protection** : If there is atomisation.
- Hand Protection** : Protective gloves.
- Unsuitable gloves material** : Leather gloves.
- Eye Protection** : Protective goggles (DIN 58211, EN 166)
- Body protection** : Lightly protective dress.
- General protection and hygiene**
- Measures** : Do not eat, drink or smoke while working.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : Liquid
- pH (20°C, 1%)** : approx. 7
- Odor** : special for product
- Density** : approx. 1,2 g/ml
- Solubility in water** : miscible at any ratio.
- Freezing Point** : <0°C

10. STABILITY AND REACTIVITY

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Dangerous Reaction : Reacts with acids releasing sulphur dioxide

Hazardous decomposition products : None known if used properly

Dangerous composition products: Sulphur dioxide (SO₂)

11. TOXICOLOGICAL INFORMATION

Acut dermal toxicity : The product causes corrosion on skin and mucous membranes.

Primary irritant effect:

Skin: No irritant effect.

Eye: Moderate irritation

Additional toxicological information:

In our experience and according to the information provided to us, the product does not have any harmful effects when used and handled according to specification.

12. ECOLOGICAL INFORMATION

General information : The ecological evaluation of the product is based on data from the

raw material and/or comparable substances.

Easy elimination possible by flocculation or adsorption by sludge

Acute Fish Toxicity :-

Acute Bacterial Toxicity : -

13. DISPOSAL CONSIDERATIONS

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Smaller quantities can be disposed with household garbage.

Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.

Waste code (EWC) :

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed below are intended as a recommendation for users.

EWC/ECK 06 03 14

Product Disposal :

In consultation with the responsible local authority, must be subjected to special treatment: Neutralisation.

Recommended Cleaning Agents :

Clean the packaging with water and if necessary with cleaning agent.

14. TRANSPORT INFORMATION

Not hazardous according to RID, ADR, ADNR, IMDG, IATA / DGR.

15. REGULATORY INFORMATION

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16. OTHER INFORMATION

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These data sheet compliments the technical data sheet but doesn't replace it. The information and recommendations given are based on the best information that we have and are believed accurate and reliable at the date publication. This safety data sheet should not be considered exhaustive and on no account does it exempt the user from ensuring that any property rights, existing laws and regulating are observed.

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