

WET-Treat[®] 4010

Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE

TRADE NAME : WET-Treat[®] 4010

MANUFACTURER : Henkel Industry AG

Mirdamad St. – Alborz Industry zone Ghzvin – Iran

Tel : +98 282 2221270

SUPPLIER : Pars Taban Chemical

Tel : +98 21 22686787-9

Fax : +98 21 22219767

EMERGENCY INFORMATION : Quality Control Department

Tel : +98 21 22686787-9


Fax : +98 21 22219767

2. COMPOSITION / DATA ON COMPONENTS

Blend of inorganic salts.

CHEMICALS	SYMBOL	R-PHRASES	CAS-NR	EINECS-NR	VALUE (%)
SODIUMMETABISULFITE	Xn	R22, R31	7631-90-	231-548-0	<50

3. HAZARDS IDENTIFICATION

SYMBOL	R-PHRASES	S-PHRASES
 <p>Xn : Harmfull</p>	<p>R22 : Harmfull by inhalation.</p> <p>R31 : Contact with acids liberates toxic gas</p> <p>R34 : Causes burns</p>	<p>S2 : Keep out of the reach of children</p> <p>S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice</p> <p>S37/39 : Wear suitable protective clothing</p> <p>S46 : If swallowed, seek medical advice immediately and show this container or label.</p>

4. FIRST AID MEASURES

General Information : Instantly remove any clothing soiled by the product.

After inhalation : Remove to fresh air. In case of irregular breathing or respiratory arrest provide artificial respiration.

After skin contact : Rinse with running water. Skin care. Remove contaminated clothes

After eye contact : Immediately flush eyes with copious amounts of running water for 10 minutes. Put on a bandage with sterile gauze, see an oculist.

After ingestion : Make the patient drink water. Consult a doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents : CO₂, extinguishing powder or water jet.

Extinguishing media which must not be used for safety reasons : Water with a full water jet.

Special hazards caused by the material, its products of combustion or flue gases: SO_x formation of toxic gases is possible during heating or in case of fire.

Protective equipment : Wear protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection : Don't allow concentrated solutions to enter drainage system, surface or ground water.

Measures for cleaning / collecting : Absorb with liquid-binding material (sand, diatomit, acid binders, universal binders).

7. HANDLING AND STORAGE

Handling :

Store in cool, dry conditions in well sealed container. Ensure good ventilation/exhaustion at the workplace. Keep away from ignition sources, don't smoke. Protect against electrostatic charges.

Open and handle container with care.

Storage :

Store only in the original container. Provide ventilation for containers. Provide alkaline resistant floor. Don't store together with acids. Keep container tightly sealed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protection :

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

Instantly remove any soiled and impregnated garments.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Breathing Protection:

Use berathing protection in case of insufficient ventilation.

Use breathing protection only when aerosol or mist is formed.

In case of brief exposure or low pollution use breathing filter apparatus.

Hand Protection: Protective gloves

Eye Protection: Protective goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
pH (20°C, 1% solution)	: app. 6,0
Density (20°C)	: app.1,2 g/cm ³
Freezing point	: 0°C
Ignition temperature	: Not determined.
Danger of explosion	: Product is not explosive
Solubility in water	: Fully soluble

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided : No decomposition if used according to specifications.

Materials to be avoided : May react vigorously with strong acids.

Dangerous reactions: In the case of fire, after all water evaporated can release SO_x

Dangerous composition products : Not known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity :

Acute oral LD₅₀ : >2000 mg/kg (rat)

Primary irritant effect :

On the skin : Caustic effect on skin and mucous membranes.

On the eye : Strong caustic effect

Sensitization : No sensitizing effect known.

12. ECOLOGICAL INFORMATION

The product is not easily biodegradable.

Fish toxicity : -

Bacteria toxicity : -

13. DISPOSAL CONSIDERATIONS

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

EWK / EAK (European Waste Catalogue) : **07 06 08**

14. TRANSPORT INFORMATION

Land transport ADR/RID :

ADR/RID-GGVS/E Class : 8

Kemler Nr. : 80

UN Nr. : 2693

Packaging group : III

Designation of goods : 2693

Maritime transport IMDG / GGVSea :

IMDG / GGVSea Class : 8

UN Nr. : 2693

Packaging group : III

Label : 80


Marine pollutant : No

EmS : F-A, S-B

Air transport ICAO-TI and IATA-DGR :

ICAO / IATA Class	: 8
UN / ID Nr.	: 2693
Packaging group	: III
Label	: 8 + 3

15. REGULATORY INFORMATION

SYMBOL	R-PHRASES	S-PHRASES
 Xn : Harmfull	R22 : Harmfull by inhalation. R31 : Contact with acids liberates toxic gas R34 : Causes burns	S2 : Keep out of the reach of children S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 : Wear suitable protective clothing S46 : If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

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.