

# WET-Treat<sup>®</sup> 2005

## Material Safety Data Sheet

### 1. IDENTIFICATION OF SUBSTANCE

**TRADE NAME** : WET-Treat<sup>®</sup> 2005

**MANUFACTURER** : Henkel Industry AG

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**SUPPLIER** : Pars Taban Chemical

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**EMERGENCY INFORMATION** : Quality Control Department

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### 2. COMPOSITION / DATA ON COMPONENTS

Aqueous solution of quaternary ammonium compounds.




COMPONENT	SYMBOL	R-PHRASES	CAS	EINECS	VALUE (%)
Benzalchloiumchloride	Xn, C, N	22, 34, 50	68424-85-1	270-325-2	<30

### Use biocides safely. Always read the label and product information before use

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

### 3. HAZARDS IDENTIFICATION

SYMBOL	R-PHRASES	S-PHRASES
 <b>C</b> : Corrosive	<b>R22</b> : Harmful if swallowed	<b>S26</b> : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
 <b>Xn</b> :Harmful	<b>R34</b> : Yanıklara neden olur. <b>R50</b> : Very toxic to aquatic organisms.	<b>S36/37/39</b> : Wear suitable protective clothing, gloves and eye/face protection <b>S45</b> : In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
 <b>N</b> : Dangerous for the environment		<b>S61</b> : Avoid release to the environment. Refer to special instructions/safety data sheet

### 4. FIRST AID MEASURES

**After inhalation** :If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention immediately.

**After skin contact** :In case of contact, immediately flush skin copiously with water for at least

15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**After eye contact** :In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.

**After ingestion** :Do not induce vomiting unless directed to do so by medical personel. Never

give anything by mouth to an unconscious person. Obtain medical attention immediately.

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## 5. FIRE FIGHTING MEASURES

**Special exposure hazards** : No specific hazard. This material is very toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway , sewer or drain.

**Suitable extinguishing agents** :Use fire fighting measures. CO<sub>2</sub>, water, sand, foam and as general methods.

**Special protective equipment for fire fighters** :Fire fighters should wear appropriate protective equipment and self contained breathing apparatus with a full face piece operated in positive pressure.

**Hazardous thermal decomposition products** :These products are CO, CO<sub>x</sub> and NO<sub>x</sub>

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** :Immediately contact emergency personel. Keep unnecessary personel away. Use suitable protective equipment.

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil,  
water ways, drains and sewers.

**Methods for cleaning-up:** If emergency personel are unavailable, contain spilled material. For

small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up

material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled

material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled

material in an appropriate container for disposal.

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## 7. HANDLING AND STORAGE

### Handling :

Do not ingest. Do not get in eyes, on skin or on clothing. Keep container closed.  
Use only with  
adequaet ventillation. Do not breathe vapour or mist. Avoid contact of spilled  
material and runoff  
with soil and surface waterways. Wash thoroughly after handling.

### Storage :

Keep container tightly closed. Keep container in a cool, well-ventilated area. Store  
betqeen 5 to  
40°C. Use original packaging.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure limit values** : Not available.

Exposure controls :

**Respiratory protection:** Use a properly fitted, air purifying ora id fed respirator  
complying with an approved Standard if assessment indicates this is necessary.  
Respirator selection must be based on known or anticipated exposure levels, the  
hazards of the product and the safe working limits of the selected respirator.

**Hand Protection** : Chemical resistant, impervious gloves.

**Eye Protection** : Protective goggles (DIN 58211, EN 166)

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**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

### General protection and hygiene

**Measures** : Do not eat, drink or smoke while working

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** : liquid  
**Odor** : special for product  
**pH** : ca. 7,5  
**Density (20°C)** : ca. 1,0 g/ml  
**Freezing Point** : <0°C  
**Solubility in water** : miscible at any ratio.

## 10. STABILITY AND REACTIVITY

**Conditions to Avoid** : The product is stable

Materials to avoid : Reactive with oxidising agents. Nonreactive with combustible materials, organic materials, acids, alkalis.

**Hazardous decomposition products** : CO, CO<sub>x</sub>, NO<sub>x</sub>

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## 11. TOXICOLOGICAL INFORMATION

Potential acute health effects

Inhalation : Corrosive to respiratory system.

Ingestion : Harmful if swallowed. May cause burns to mouth, throat and stomach.

Skin contact : Corrosive to skin.

**Acute oral toxicity LD50** : >240 mg/kg body weight (rat)

### Potential chronic health effects

**Carcinogenicity** : Not available.

**Mutagenicity** : Nonmutagenic for bacteria and / or yeast.

**Reproductive toxicity** : Not available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity data :

LC50 : 0,85 mg/l (96 hr, fish)

EC50 : 0,02 mg/l (48 hr, daphnia)

IC50 < 1 mg/l (72 hr, algae)

IC50 : 11 mg/l (0,5 hr, bacteria)

**Other ecological information** : Very toxic to aquatic organisms.

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### 13. DISPOSAL CONSIDERATIONS

The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirement.

### 14. TRANSPORT INFORMATION

#### Road transport ( ADR / GGVS ) :

ADR/RID -GGVS/E Class : 8

Packaging group : II

Kemler Nr. : 80

UN no : 1760

Corrosive liquid, n.o.s.

#### Marine transport ( IMDG / GGVSea ) :

Class : 8

Packaging group : II

EmS : F-A, S-B

UN no : 1760

Corrosive liquid, n.o.s.




#### Air transport IATA ( RID / GGVE ) :

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ICAO/IATA : 8  
Packaging group : II  
UN/ID nr : 1760  
Hazard inducer (s) : 80  
Corrosive liquid, n.o.s.

## 15. REGULATORY INFORMATION

SYMBOL	R-PHRASES	S-PHRASES
 <b>C</b> : Corrosive	<b>R22</b> : Harmful if swallowed	<b>S26</b> : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
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 <b>N</b> : dangerous for the environment		<b>S61</b> : Avoid release to the environment. Refer to special instructions/safety data sheet

## 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.

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