

# WET-Treat<sup>®</sup> 1014

## Material Safety Data Sheet

### 1. IDENTIFICATION OF SUBSTANCE

**TRADE NAME** : WET-Treat<sup>®</sup> 1014

**MANUFACTURER** : Henkel Industry AG

Mirdamad St. – Alborz Industry zone Ghzvin – Iran

Tel : +98 282 2221270

**SUPPLIER** : Pars Taban Chemical

Tel : +98 21 22686787-9

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**EMERGENCY INFORMATION** : Quality Control Department

Tel : +98 21 22686787-9

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### 2. COMPOSITION / DATA ON COMPONENTS

**Description** :




Blend of phosphate derivatives, polycarboxylic acid and zinc chloride in water.

CHEMICALS	SYMBOL	R-PHRASES	CAS-NR	EINECS-NR	VALUE (%)
SULPHURIC ACIDE	C	35	7664-93-9	231-639-5	<5
HYDROCHLORIC ACIDE	C	34-37	7647-01-0	231-595-7	<6
ZINC CHLORIDE	C,N	34-50/53	7646-85-7	231-592-0	<22

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

SYMBOLS	R-PHRASES	S-PHRASES
 <b>C</b> : Corrosive	<b>R34</b> : Causes burns.	<b>S26</b> : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 <b>N</b> : Dangerous for environment.	<b>R41</b> : Irritant for eyes. <b>R51/53</b> : Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.	<b>S45</b> : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 <b>Xi</b> : Irritant		<b>S36/36/39</b> : Wear suitable protective clothing, gloves and eye/face protection.

### 4. FIRST AID MEASURES

- General Information** : Instantly remove any clothing soiled by product.
- After inhalation** : Remove to fresh air, consult doctor in case of symptoms.
- After skin contact** : Immediately wash with soap and water and rinse thoroughly.
- After eye contact** : Immediately flush eyes with copious amounts of running water for 10 minutes. Consult a doctor.
- After ingestion** : Make the patient drink water. Consult a doctor. Do not induce vomiting.

### 5. FIRE FIGHTING MEASURES

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**Suitable extinguishing agents** : CO<sub>2</sub>, extinguishing powder or water jet. For larger fires fight with foam

**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:** CO (carbon monoxide), Hydrogen chloride (HCl), sulphur oxides (SO<sub>x</sub>) can be released by fire.

**Protective equipment** : Wear full protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

**Person-Related Precautions** :Wear protective clothing.

**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, universal binders, sawdust) . Use neutralizing agent. Dispose of contaminated material as waste according to item 13.

## 7. HANDLING AND STORAGE

**Handling** :

Keep containers tightly sealed.

No special measures required.

**Storage** :

Do not store together with alkalis (caustic solution).

Store in cool, dry conditions in well sealed containers.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Storage product in original packages at well ventilated place.

### Components that required spesific control :

Materials	CAS NO
Sulphuric Acid	7664-93-9
Hydrochloric Acid	7647-01-1

### Personal Protection :

**General protective equipment:** Do not eat or drink while you are working with this product.

**Breathing Protection:** Remove to fresh air, consult doctor in case of sysptoms.

**Hand Protection:** Acid rrsistant protective gloves

**Eye Protection:** Tightly sealed safety glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** : Liquid

**pH (20°C, 1% solution):** Approx. 2

**Density (20°C)** : Approx. 1,20 g/cm<sup>3</sup>

**Freezing Point** : <0°C

**Solubility in water** : Fully soluble

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## 10. STABILITY AND REACTIVITY

No decomposition if used according to specifications. Gives exothermic reaction with alkaline solutions.

## 11. TOXICOLOGICAL INFORMATION

### Primary irritant effect :

**If inhalation** : Remove to fresh air, consult doctor in case of symptoms.

**If contact with skin** : Immediately wash with soap and water and rinse thoroughly. Take off contaminated clothings.

**If contact with eye** : Immediately flush eyes with copious amounts of running water for 10 minutes. Consult a doctor.

**If swallowed** : Make the patient drink water. Consult a doctor. Do not induce vomiting.

## 12. ECOLOGICAL INFORMATION

The product is easily biodegradable.

**Fish toxicity** : 96 hr, LC50 > 100 mg product/lit

**Bacteria toxicity** : 96 hr, LC50 > 0-10 mg product/lit

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**Biodegradability** : inorganic salts are basically not biodegradable.

**Ecotoxicity in water** : COD : <200 mg O<sub>2</sub>/g

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Before disposing adjust pH to 6-10.

### 13. DISPOSAL CONSIDERATIONS

Must be disposed according to suitable regulations for waste including heavy metals.

#### **EWK / EAK (European Waste Catalogue)**

Must be disposed of together with household garbage. Do not allow product to reach sewage system. Must be specially treated in adherence of official regulations.

Dispose of packaging according to regulations on the disposal of packagings.

### 14. TRANSPORT INFORMATION

**Land transport ADR/RID** :

ADR/RID-GGVS/E Clas : 8

UN Nr. : 3264

Packaging group : III

Designation of goods : Corrosive liquid, acidic, organic,  
organic materials

#### **Maritime transport IMDG / GGVSea:**

IMDG / GGVSea Class : 8

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UN Nr.	: 3264
Packaging group	: III
EMS	: 8-15
Correct technical name	: Corrosive liquid, acidic, organic, organic materials
<b>Air transport ICAO-TI and IATA-DGR :</b>	
ICAO / IATA Class	: 8
UN / ID Nr.	: 3264
Packaging group	: III
Correct technical name	: Corrosive liquid, acidic, organic, organic materials

## 15. REGULATORY INFORMATION

### SYMBOLS



**C** : Corrosive



**N** : Dangerous for  
environment.



**Xi** : Irritant

### R-PHRASES

**R34** : Causes burns.

**R41** : Irritant for eyes.

**R51/53** : Toxic to aquatic organisms,  
may cause long term adverse  
effects in the aquatic environment.

### S-PHRASES

**S26** : In case of contact with  
eyes, rinse immediately with plenty of  
water and seek medical advice.

**S45** : In case of accident or if  
you feel unwell, seek medical advice  
immediately (show the label where  
possible).

**S36/36/39** : Wear suitable protective  
clothing, gloves and eye/face protection.

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## 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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