

WET-Treat[®] 2008

Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE

TRADE NAME : WET-Treat[®] 2008

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

Description : Blend of isothiazolines in water


CHEMICAL	SYMBOL	R-PHRASES	VALUE (%)
Cl-methyl isothiazolin derivatives	N,T,C	23/24/25, 34, 43, 50/53	<5
EO-PO Kopolimer	Xn	20	<12

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

SYMBOLS	R-PHRASES	S-PHRASES
 <p>C : Corrosive</p>	<p>R34 : Causes burns.</p> <p>R43 : May cause sensitisation by skin contact.</p> <p>R52/53 : Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.</p>	<p>S26 : In case of contact with eyes rinse immediately with plenty of water and seek medical advice.</p> <p>S45 : In case of accident or if you feel unwell seek medical advice immediately (show this label if possible)</p> <p>S36/37/39:Incase of accident or if you feel unwell seek medical advice immediately (show this label if possible)</p>

4. FIRST AID MEASURES

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.

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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:

CO (carbon monoxide) 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) aboveground water and ground water.

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7. HANDLING AND STORAGE

Handling :

Store in cool, dry conditions in well sealed container.

Ensure good ventilation/exhaustion at the workplace.

Keep away from heat and direct sunlight.

Do not seal containers gas tight.

Open and handle container with care.

Storage :

Store onl in the original container.

Provide ventilation for containers.

Don't store together with alkalis.

Store away from flammable substances.

Store away from metals.

Store container in a well ventilated position.

Protect from the effects of light.

Protect from heat and direct sunlight.

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Components that required specific control :

COMPONENT	CAS NR.	MAK
5-chloro-2-methyl-2,3-dihydroisothiazol-3-one	26172-55-4	0,05 mg/m ³
2-methyl-2,3-dihydroisothiazolin-3-one	2682-20-4	

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 breathing 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

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
pH (20°C, 1% solution)	: app. 6,0
Density (20°C)	: app.1,0 g/cm ³
Flash point	: > 100°C
Ignition temperature	: Not determined.
Solubility in water	: Fully soluble

10. STABILITY AND REACTIVITY

No decomposition if used according to specifications. None known if used for its intended purpose. In fire NO_x, CO_x, SO_x and HCl gases.

11. TOXICOLOGICAL INFORMATION

Acute oral LD50 (rat) >2000 mg/kg

Acute dermal LD50 (rabit) > 5000 mg/kg

Primary irritant effect :

On the skin : The product can corrosion on skin and mucous membranes.

On the eye : Strong corrosive effect

Sensitization : May cause sensitizing effect.

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12. ECOLOGICAL INFORMATION

The product is easily biodegradable.

Fish toxicity : LC 50 : 20 mg/l gold orfey, 96 saat

Bacteria toxicity : EC 50 : 50 mg/l pseudomonas, (DIN 38412/T8)

13. DISPOSAL CONSIDERATIONS

Must be disposed according to regulations.

EWK / EAK (European Waste Catalogue) : 07 06 99

14. TRANSPORT INFORMATION

Land transport ADR/RID :

ADR/RID-GGVS/E Class : 8

Hazarident. Nr. : 80

UN Nr. : 1760

Packaging group : III

Designation of goods : CORROSIVE LIQUID (Chloromethyl isothiasolin)

Maritime transport IMDG / GGVSea :

IMDG / GGVSea Class : 8

UN Nr. : 1760

Packaging group : III

Label : F-A, S-B

Marine pollutant : No

Correct technical name : CORROSIVE LIQUID (Chloromethyl isothiasolin)

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Air transport ICAO-TI and IATA-DGR :

ICAO / IATA Class	: 8
UN / ID Nr.	: 1760
Packaging group	: III
Correct technical name	: CORROSIVE LIQUID (Chloromethyl isothiasolin)

15. REGULATORY INFORMATION

SYMBOLS

R-PHRASES

S-PHRASES



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S36/37/39: In case of accident or if you feel unwell seek medical advice immediately (show this label if possible)

National Definitions : Water danger category (WGK) = 2

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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