

# MATERIAL SAFETY DATA SHEET

according to EU Directive 2001/58/EC

SYNTHOMER VM1235

Version:

Print date: 9.9.08



## 1. Identification of Substance/Preparation and Company

Product name : SYNTHOMER VM1235

Main Use : Raw material for industrial use

Company : Synthomer B.V.  
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5347 KG Oss  
Netherlands

Telephone : +31412681700  
Fax : +31412628602

**Emergency Telephone : +31 412 681700**

## 2. Composition / Information on ingredients

Chemical nature: Water based dispersion of vulcanising agents

Hazardous components:

Substance	EINECS No.	CAS No.	Symbol	R-phrases	Conc. %
Zinc oxide	215-222-5	1314-13-2	N	R50/53	<=10.00
Zinc bis (diethyldithiocarbamate)	238-270-9	14324-55-1	Xn, N	R22, R43, R36/37/38, R50/53	<= 5.00

## 3. Hazards identification

### Critical hazards to man and the environment:

May cause sensitization by skin contact.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4. First Aid measures

Eye contact : Irrigate with water for 15 minutes holding eyelid open.  
Seek immediate medical attention.

Skin contact : Remove contaminated clothing.  
Wash thoroughly with soap and water.  
Seek medical attention if symptoms persist.

Inhalation of vapour : Remove to fresh air.  
In severe cases seek medical attention.

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Ingestion : Wash out mouth with water.  
Seek immediate medical attention.  
Do not induce vomiting.

## 5. Fire fighting measures

Hazards during fire-fighting: The product is water based and is not combustible.

Suitable extinguishing media: CO<sub>2</sub>, dry powder, alcohol-resistant foam. Water spray.

## 6. Accidental release measures

Personal protection : Refer to Section 8.

Environmental precautions : Prevent product entering soil, natural waters and drains.

Methods for cleaning and taking up : Small spillages should be absorbed on inert absorbent.  
Large spillages should be contained and pumped into a receiving vessel.

## 7. Handling and storage

Handling : Observe good housekeeping practice.  
Keep workplace well ventilated.  
Avoid contact with skin and eyes.

Storage : Store between +5°C and +35°C protected from frost and direct sunlight.  
Do not use storage vessels or pipework made of aluminium, copper or their alloys.

## 8. Exposure controls / personal protection

Advice on system design : Provide good general ventilation in the workplace. Local exhaust ventilation is recommended.

### Personal protective equipment:

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection : Wear chemical resistant gloves.

Eye protection : Use approved safety goggles or face shield.

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Skin protection : Wear suitable protective clothing, gloves and eye/face protection.

Hygiene measures : Do not eat, drink or smoke when handling product.

## 9. Physical and chemical properties

Physical form : liquid  
Colour : grey  
Odour : characteristic  
Boiling point : 100 °C  
Vapour pressure : 23 hPa  
Relative density : 1.25 - 1.5  
Solubility in water : insoluble but miscible in all proportions  
pH : 9.5 - 10.5

## 10. Stability and reactivity

Avoid contact with acids.  
Avoid contact with oxidising agents.

## 11. Toxicological information

No data available, Long term experience of this product type indicates no danger to health when properly handled under industrial conditions.

## 12. Ecological information

Degradation/elimination : No data available.  
Ecotoxic effects : The product is classified as Dangerous for the Environment (see Section 15).

## 13. Disposal considerations

Waste product should not be discharged directly into drains or waterways without treatment. Disposal of product and packaging should always comply with local and national regulations.

EU Waste code number: No Waste Code Number available.

## 14. Transport information

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## Classification ADR/RID/IMDG/ICAO

UN/SIN Number	:	3082
Proper Shipping Name	:	ENVIRONMENTALLY HAZARDOUS LIQUID, N.O.S.(Zinc bis (diethyldithiocarbamate), Zinc Oxide ,9,III,ADR
Class	:	9
Packing group	:	III
Hazard Identification Number	:	90

## 15. Regulatory information

### Labelling according to EU directive 1999/45/EC:

Symbol	N Xi	Dangerous for the environment Irritant
R-phrases	R43 R51/53	May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrases	S60 S61 S24	This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/Safety data sheets. Avoid contact with skin.

### National regulations:

Germany: Water hazard class : WGK = 2, VwVwS Anhang 4

Information given in this Material Safety Data Sheet does not constitute the user's own workplace risk assessment.

## 16. Other information

The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use.

Text of R-phrases from Section 2:

R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R22	Harmful if swallowed.
R43	May cause sensitization by skin contact.
R36/37/38	Irritating to eyes, respiratory system and skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse

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effects in the aquatic environment.