

# MATERIAL SAFETY DATA SHEET

According to EU Directive 2001/58/EC



SYNTHOMER 6311

Version: 3

Print date: 12.04.06

## 1. Identification of Substance/Preparation and Company

Product name : SYNTHOMER 6311

Main Use : Raw material for industrial use

Company : Synthomer Sdn. Bhd.  
1 ½ Miles, Jalan Batu Pahat  
86000 Kluang

Telephone : +607 776 7878

Fax : +607 773 3767

Emergency Telephone : +607 776 7878

## 2. Composition / Information on Ingredients

Chemical nature : Water based dispersion of butadiene acrylonitrile copolymer

Hazardous components : None according to EU directive 1999/45/EC

## 3. Hazards Identification

### Critical hazards to man and the environment:

none according to EU directive 1999/45/EC

## 4. First Aid Measures

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

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

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

Ingestion : May cause nausea.  
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.

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## 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 : Large spillages should be contained and pumped into a receiving vessel.  
Small spillages should be adsorbed on inert absorbant.  
For disposal methods refer to Section 13.

## 7. Handling and Storage

- Handling : No special precautions necessary.  
Observe good housekeeping practice.  
Keep workplace well ventilated.
- 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. Detailed advice on storage systems can be provided. Bulk tanks should be regularly cleaned and sterilised.

## 8. Exposure Controls / Personal Protection

- General protective measures : The product may contain low levels of volatile organic compounds or ammonia which may evaporate during application and drying.
- Advice on system design : Provide good general ventilation in the workplace. Where the product is dried or sprayed, local extraction is recommended.

### Components with workplace parameters:

None according to EU directive 1999/45/EC

### Personal protective equipment:

- Respiratory protection : If spraying product without local exhaust ventilation, wear a normal dust mask.
- Hand protection : Impermeable gloves recommended.
- Eye protection : Eye protection recommended.
- Skin protection : In case of severe splashing wear waterproof overalls and boots.  
Wash with soap and water after handling.
- Hygiene measures : Do not eat, drink or smoke when handling product.

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## 9. Physical and Chemical properties

Physical form	:	Liquid
Colour	:	White
Odour	:	Faint aromatic
Flash point	:	Not applicable
Vapour pressure	:	23 hPa @ 20°C
Relative density	:	0.9 – 1.1
Solubility in water	:	Insoluble but miscible in all proportions
pH	:	8 – 8.5
Viscosity	:	25 – 75 mPa s

## 10. Stability and Reactivity

The product is stable under recommended storage conditions – see Section 7

Incompatible materials : None

## 11. Toxicological Information

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

## 12. Ecological Information

Degradation / elimination	:	DOC elimination after 2 days (OECD302B): 98% The product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto activated sludge.
Bioaccumulation	:	No evidence for bioaccumulation.
Ecotoxic effects	:	The product is not classified as Dangerous for the Environment.

## 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. Waste water containing product should be treated in a separation and biological treatment plant.

EU Waste code number : No Waste Code Number available.

## 14. Transport Information

The product is not classified as Dangerous for Carriage.

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## 15. Regulatory Information

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

Symbol Not subjected to labelling

### National regulations:

Germany: Water hazard class : WGK = 1, VwVwS, Kenn. Nr. 662

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 or suitability for the particular use.

Text of R-phrases from Section 2: