

# Material Safety Data Sheet

According to 91/155 EC

25/01/06

## 1 Identification of substance

Water based hat stiffener

Article Number Q 4800

## 2 Hazards identification

Hazard designation: VOID

Information pertaining to particular dangers for man and environment: VOID

## 3 First aid measures

General information: NO SPECIAL MEASURES REQUIRED

After inhalation: SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF SYMPTOMS

After skin contact: WASH WITH WATER AND SOAP AND RINSE THOROUGHLY

After eye contact: RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER

After swallowing: IN CASE OF PERSISTENT SYMPTOMS CONSULT DOCTOR

## 4 Fire fighting methods

Suitable extinguishing agents: WATER SPRAY JET, Co2, EXTINGUISHING POWDER OR FOAM

For safety reasons unsuitable extinguishing agents: NONE

Special hazards caused by the material, its products of combustion or flue gases: NONE

## 5 Accidental release measures

Measures for cleaning/collecting: ABSORB WITH LIQUID-BINDING MATERIAL

THE BINDING MATERIAL CAN BE DISPOSED OF IN SMALL QUANTITIES WITH THE HOUSEHOLD GARBAGE

Measures for environmental protection: DO NOT ALLOW PRODUCT TO REACH SEWAGE SYSTEM OR WATER BODIES

## 6 Handling and storage

Information for safe handling: ENSURE GOOD VENTILATION/EXHAUSTION AT THE WORKPLACE

Information about protection against explosions and fires: NO SPECIAL MEASURES REQUIRED

Requirements to be met by storerooms and containers: KEEP CONTAINERS TIGHTLY CLOSED  
STORE IN COOL LOCATION

Further information about storage conditions: PROTECT FROM FROST

Class according to regulation inflammable liquids: NONE

## 7 Exposure controls and personal protection

Additional information about design of technical systems: NONE

CAS No. Designation of material % Type Value Unit

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The list that were valid during the compilation were used as basis

Personal protection equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals

Breathing equipment: Not required

Protection of hand: Rubber gloves

Eye protection: Safety glasses

## 8 Physical and chemical properties:

Form: Fluid

Colour: White

Smell: Characteristic

	Value / Range	Unit	Method
Change in condition			
Melting Point / Melting range	Not applicable		
Boiling point / boiling range	ca. 100	c	
Flash point	Not applicable		
Inflammability (solid, gaseous)	Product is not inflammable.		
Self-inflammability:	Product is not self-igniting.		
Danger of explosion:	at 20 c	23mbar	
Density	at 20 c	1.08g/cm3	
Solution in / Miscibility with			
Water	Fully miscible		
ph-value	at 20 c	4 - 5	
Viscosity:			
Dynamic	at 20 c	5.000 - 10.000mPas	
Solvent content:			
Organic Solvents:		0.00%	

## 9 Stability and reactivity

Condition to be avoided:

No decomposition if used according to specifications

Dangerous reactions: No dangerous reaction known.

Dangerous products of decomposition: None

## 10 Toxicological information

Acute toxicity:

Primary irritant effect:

On the skin: No irritant effect

on the eye: No irritant effect

Sensitization: No sensitizing effect known

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparation as issued in the latest version.

When used and handled according to specification, the product does not have any harmful effects, according to our experience and the information provided to us.

## 11 Ecological information:

Information about elimination (persistence and degradability)

Other information:

Due to adsorption to the activated sludge the product can largely be eliminated from the effluent river.

Ecotoxicological effects:

Remark:

If product containing effluent water is properly entered into the sewage system, any interference with the degrading activity of the activated sludge organisms must not be expected.

Additional ecological information:

According to recipe contains the following heavy metals and compounds

According to EC guideline NO 76/464 EC:

None

General notes:

Water hazard class 1 (self assessment) slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

## 12 Disposal considerations:

Product:

Recommendation: Packaging can be reused or recycled after cleaning.

Recommended cleaning agent: Water, if necessary with cleaning agent.

## 13 Transport information:

Land transport ADR/RID and GGS/GGVE (cross-border/domestic)  
ADR/RID-GGVS/E Class:

Maritime transport IMDG/GGVSea  
IMDG Class

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class:

Transport/Additional information: Not hazardous for transport.

## 14 Regulatory information

Designation according to EC guidelines

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV)

Observe the normal safety regulations when handling chemicals.

National regulations

Technical instructions (air)

Class Share in %

If properly used product emissions are within the limits of the German TA-Luft

Water hazard class:

Water hazard class 1 (self-assessment) slightly hazardous for water

## 15 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship