

## Material Safety Data Sheet

# DEWAPURE Mixed Bed Resin

Printing date: 14.11.2012

Page: 1/3

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

#### IDENTIFICATION OF THE PRODUCT

TRADE NAME DEWAPURE Mixed Bed Resin

#### PURPOSE OF USE OF THE PRODUCT

Filling of filter cartridge for demineralisation of drinking water

#### IDENTIFICATION OF COMPANY

COMPANY NAME WTS WasserTechnik & Service  
ADDRESS Rehwinkel 5, D-34376 Immenhausen  
TEL 0049-(0)5673-91474-30  
FAX 0049-(0)5673-91474-38  
WEBSITE www.liquipure.de

#### EMERGENCY PHONE NR

EMERGENCY PHONE 0049-(0)5673-91474-30

### 2. HAZARDS

S-PHRASES S2 - Keep out of the reach of children.  
S25 - Avoid contact with eyes.  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

PRODUCT Not classified as dangerous

OTHER HAZARDS None

### 3. INFORMATION ON INGREDIENTS

#### INGREDIENTS

NAME	CAS NUMMER	CONC.	GEFAHRSYMBOL	R-PHRASEN
Polystyrene sulphonic acid	69011-20-7	20-30%	Xi	R36
Polyvinylbenzyltrimethylammoniumhydroxide	69011-18-3	15-30%	Xi	R36

### 4. FIRST AID MEASURES

#### INHALATION

-

#### SKIN

Rinse with water.

#### EYES

Rinse with plenty of water for 15 minutes at least.

#### INGESTION

As early as possible after intake: drink plenty of water.  
Seek medical advice if irritation persists

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Water fog  
Foam  
Carbon dioxide

#### UNSUITABLE EXTINGUISHING MEDIA

Not specified

# DEWAPURE Mixed Bed Resin

Printing date: 14.11.2012

Page: 2/3

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Protective wear

### ENVIRONMENTAL PRECAUTIONS

Avoid soil and water contamination

### AFTER SPILLING / LEAKAGE

Rinse contaminated area with water. Slip hazard!

## 7. HANDLING AND STORAGE

### HANDLING

NOTES FOR HANDLING                      Keep packaging closed.

### STORAGE

NOTES FOR STORAGE                      Store packaging in a ventilated place.

## 8. EXPOSURE LIMITS AND PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

INHALATION PROTECTION	/
HAND PROTECTION	Suitable gloves
EYE PROTECTION	Tight-fitting protective goggles
SKIN PROTECTION	Suitable protective clothing

## 9. PHYSIOCHEMICAL PROPERTIES

### COMMON INFORMATION

PHYSICAL CONDITION	Solid
ODOUR	Odourless
COLOUR	Brown
WATER SOLUBILITY	Insoluble

### VALUES PHYSICAL PROPERTIES

MELTING POINT	/
BOILING POINT (PREP)	/
RELATIVE DENSITY	1,05 – 1,28
VAPOUR PRESSURE (20°C)	/
PH VALUE	/
VISCOSITY	/

### EXPLOSION AND FIRE HAZARD

FLASH POINT	/
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## 10. STABILITY AND REACTIVITY

### STABILITY

Stable under normal conditions.

### CHEMICAL REACTIONS

Contact with strong oxidisers, especially nitric acid, may produce explosive organic gases

### MATERIALS AND CONDITIONS TO AVOID

Freezing  
(strong) acids

### HAZARDOUS DECOMPOSITION PRODUCTS

Decomposition products may include monomers, amines, sulphur and nitrogen oxides

## Material Safety Data Sheet

# DEWAPURE Mixed Bed Resin

Printing date: 14.11.2012

Page: 3/3

### 11. TOXICOLOGICAL INFORMATION

#### TOXICITY

No evidence of acute toxicity

#### CHRONICAL TOXICITY

No evidence of chronical toxicity

### 12. ECOLOGICAL INFORMATION

#### MOBILITY

ECOLOGICAL INFORMATION FOR WATER

not biodegradable

OTHER HAZARDOUS EFFECTS

/

### 13. DISPOSAL CONSIDERATIONS

#### DISPOSAL OF PRODUCT AND WASTE

Do not drain into sewage system or environment.

Ask producer/distributor for information on recycling.

### 14. TRANSPORTATION INFORMATION

#### ROAD TRANSPORT (ADR)

ADR-CLASS

No hazardous material

### 15. REGULATORY INFORMATION

#### NAME HAZARD DETERMINING COMPONENT

##### NAME

Polystyrene Sulphonic Acid , Polyvinylbenzyltrimethylammoniumhydroxide

S-PHRASES

S2 - Keep out of the reach of children.

S25 - Avoid contact with eyes.

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

PRODUCT

Not classified as dangerous

### 16. OTHER INFORMATION

R-PHRASES

R36 - Irritating to eyes.

FURTHER INFORMATION

Content and Format of this Material Safety Data Sheet comply with REACH 1907/2006 and CLP-EU 1272/2008 .

REVISION

1.1

REV. DATE

01/12/2011

SOURCES

All the given information is based on our current knowledge. It describes our products with regard to safety requirements and is not designed to guarantee any particular characteristics.

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