

Material Safety Data Sheet

LIQUIPURE Mixed Bed Resin

Printing date: 22.02.2012

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1. IDENTIFICATION OF PRODUCT AND COMPANY

IDENTIFICATION OF THE PRODUCT

TRADE NAME LIQUIPURE Filter

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

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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 Blue with white, cream and brown contents

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 /

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

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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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