



**Material Safety Data Sheet
for water blocking yarn
GarnTec QE-S**

Version: 01
Date: 03.02.2020
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0. Introduction

Material Safety Data Sheet according to regulation (EG) Nr. 1907/2006
(modified by regulation (EU) Nr. 2015/830)

1. Identification of the product and the company

1.1 Product Identification

| | |
|---------------|--------------------------------------|
| Product name: | Water blocking yarn GarnTec QE-S |
| Description: | Water blocking yarn with paper inlay |

1.2 Company Identification

- Company / Plant where information on the product safety is available:

| | | |
|----------------------|-------------------------------------|----------------------|
| Name: | GarnTec GmbH | |
| Address: | Staatsstrasse 5, D-67468 Neidenfels | |
| Phone & Fax numbers: | +49 (0) 6325 9556-0 | +49 (0) 6325 9556-10 |

- Department responsible for the product safety:

| | | |
|----------------------|----------------------|----------------------|
| Department: | Technical Department | |
| Phone & Fax numbers: | +49 (0) 6325 9556-25 | +49 (0) 6325 9556-10 |
| E-mail: | Betz@garntec.de | |

2. Hazards Identification

2.1 No hazardous product under normal conditions.

2.2 Additional hazards for humans and environment: under normal handling you will not have hazards for humans and environment.

3. Composition

Identification of the type of product

| | |
|-----------------------------|---|
| 3.1 Description: | <u>Swelling substance</u> : synthetic modified polyacrylate |
| 3.1.1 Filling: | <u>Carrier</u> : Polyester nonwoven, longitudinal, chemical or thermal bind <u>Filling</u> : Cable Paper |
| 3.2 Other major components: | None |



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3.3 Dangerous ingredients:

None

4. First-aid measures

No special measures

5. Fire-fighting measures

5.1 Suitable extinguishing media

Water, Foam, Powder, CO2

5.2 Special protective

No special measures

6. Measures of accidental release

6.1 Personal precautions

No measures

6.2 Environmental protection

No measures

6.3 Methods for cleaning / recording

No measures

6.4 Other components

No measures

6.5 Additional information

Keep away from ignition source, do not smoke,
avoid from flames

7. Handling and storage

7.1 Information on safe Handling:

No special measures on correct handling

7.2 Information on fire/explosion –
protection

No special measures

7.3 Requirements for storage rooms/
containers

The storage must be dry

7.4 Information on storage conditions

No special measures

7.5 Requirements for storage rooms

Sensitive to frost and wetness, the temperature
may not be lower than 15°C and higher than
35°C and the relative humidity should be lower
than 55 %

7.6 Storage class

-



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8. Personal protection**Personal protection equipment:**

| | |
|---|--------------|
| 8.1 Several safety and hygiene instructions | Not required |
| 8.2 Respiratory protection | Not required |
| 8.3 Hand protections | Not required |
| 8.4 Gloves material | Not required |
| 8.5 Penetrating time of the gloves material | Not required |
| 8.6 Eye protection | Not required |
| 8.4 Body protection | Not required |

9. Physical and chemical properties:

| | |
|---|--------------------|
| 9.1 Form | solid |
| 9.2 Appearance /the colour of the product as supplied | white |
| 9.3 Odour (short description if perceptible): | odourless |
| 9.4 State change: Melting | 250 – 260°C |
| 9.5 Flashpoint | Not required |
| 9.6 Self flammability | Not self flammable |
| 9.7 Explosion hazard | Not explosive |
| 9.8 Density at 20°C | Not required |
| 9.9 Solubility in/Mixture with water | Not required |
| 9.10 pH at 20°C | Not required |

10. Stability and Reactivity

| | |
|---------------------------------------|-----------------------------------|
| 10.1 Thermal decomposition | No decomposition if properly used |
| 10.2 Dangerous reactions | Unknown |
| 10.3 Dangerous decomposition products | Unknown |



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11. Toxicological information

The product is not toxic

12. Ecological information

12.1 Statements to the Elimination:

Other notes:

Not biodegradable

chemical oxygen:

Not identified

13. Notes for waste disposal

13.1 Product:

Recommendation

The yarn could be depolluted with regular waste. Under attention of the local official regulations the yarn could be burned together with the garbage

14. Transport information

The material must be transported in dry and odourless trucks or containers.

15. Legislative information

15.1 Labelling according EWG-directives

Unknown

15.2 National rules:

Unknown

15.3 Water thread class:

Unknown

16. Other information

The details are based of our actual skills. The details do not assure the property and do not represent contractual law regulation.