

Safety Data Sheet

Product: **FILTERSORB® SP3**



WATCH® GmbH
A Water Company

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- **Identification of the substance or preparation**

Trade name: *Filtersorb SP3*

Use of the substance/preparation: Scale prevention media

Company Identification/Supplier Watch GmbH
Fahrlachstr. 14
D-68165 Mannheim
Germany
Phone: ++ 49 62187951-0
Fax: ++ 49 62187951-99

Emergency information (8.00-16.45): Watch GmbH Phone: +49 (0) 62187951-0
Fax: +49 (0) 62187951-99

* 2. COMPOSITION / INFORMATION ON INGREDIENTS

- **Composition**

| Component | Chemical composition | CAS No. | Concentration (w/w %) |
|-----------------|--------------------------|-----------|-----------------------|
| Ceramic coating | Calcium hydroxide | 1305-62-0 | <1% |
| Matrix | Modified styrene polymer | 9010-92-8 | >99% |

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non hazardous and/or present at amounts below reportable limits.

See section 16 for full text of R-phrases

* 3. HAZARD IDENTIFICATIONS

- **Hazard Symbols:**

This product is not classified as dangerous in accordance with Directives 1967/548/EEC, 1999/45/EC or 1278/2008/EC. Any disclosed substance is present below hazardous concentration levels for the product classification as hazardous.

- **Most important hazards:** none known
Environmental hazards: The product is not classified as dangerous for the environment.

* 4. FIRST-AID MEASURES

- **General Information:**
Take off contaminated clothes immediately. Wash immediately with plenty of water. Continue rinsing for at least 10 minutes. If any symptom persists, seek medical attention.
- **Eye contact:** Rinse immediately with plenty of running water. Continue for at least 15 minutes. Seek medical advice.
- **Skin contact:** Wash immediately with plenty of water. Continue for at least 15 minutes. Seek medical advice if there are persistent symptoms. Remove contaminated clothing.
- **Inhalation:** Remove patient to fresh air, allow to rest and keep warm. Seek medical advice if there are persistent symptoms.
- **Ingestion:** First rinse mouth with water. Immediately give 1-2 glasses of water, if victim is fully conscious. Seek medical attention.

Safety Data Sheet



WATCH® GmbH
A Water Company

Product: **FILTERSORB® SP3**

* 5. FIRE-FIGHTING MEASURES

- **Extinguishing media:** Extinguish with water, foam, CO₂, dry chemical
- **Unsuitable extinguishing media:** None known
- **Exposure hazards:** None known
- **Combustion products:** carbon oxides
- **Protective equipment:** Firefighters and other exposed, wear self-contained breathing apparatus and protective suit.

* 6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** Wear protective clothing.
- **Environmental precautions:** Keep out of drains and water courses.
- **Methods for cleaning up:** Vacuum or sweep up material and placed in a designated waste container.

* 7. HANDLING AND STORAGE

- **Handling:** Normal chemical handling. Wash hands after handling.
- **Storage:** between 5 and 40 °C . Protect from sun. Store containers loosed when not in use.

* 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Exposure limit:** none
- **Personal protective equipment:**
- **General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
- **Respiratory protection:** In case of insufficient ventilation, use a breathing mask.
- **Hand protection:** Protective gloves. Suitable material: latex, chloroprene, butyl rubber, nitril rubber, neoprene
- **Eye protection:** Wear safety goggles. Have eye flushing equipment available.
- **Skin protection:** Wear appropriate protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

| | |
|-----------------|--------------------|
| Physical State: | solid granules |
| Appearance: | white/opaque white |
| Odor: | odorless |

Change in condition:

| | |
|------------------------------|------|
| Melting point/Melting range: | n.a. |
|------------------------------|------|

| | |
|---------------------|------|
| Flash point: | n.a. |
|---------------------|------|

| | |
|----------------------------------|-------------|
| Solubility in water 20°C: | not soluble |
|----------------------------------|-------------|

| | |
|---------------------------|------------|
| pH-value (10 g/l): | 6.5 to 8.0 |
|---------------------------|------------|

* 10. STABILITY AND REACTIVITY

- **Thermal decomposition/conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to avoid:** Contact with strong oxidizing agents.
- **Hazardous decomposition products:** None known.

Safety Data Sheet

Product: FILTERSORB® SP3



WATCH® GmbH
A Water Company

* 11. TOXICOLOGICAL INFORMATION

Test results on an analogous product

Acute toxicity (LD/LC50 values relevant for classification):

Oral LD50, rat: > 5000 mg/kg

Primary irritant effect:

Skin: No irritation of the skin and mucous membranes

Eye: No irritation to eyes

Sanitation: No sensitizing effect known.

Mutagenicity (Ames test): Negative for *in-vitro* Salmonella typhimurium mutagenic studies

12. ECOLOGICAL INFORMATION

Environmental data: Presents no hazard to the environment

- **Remark:** This product is not classified as dangerous for environment.

* 13. DISPOSAL CONSIDERATIONS

- **General Information:** All local and national regulations should be followed.
Product: dilute with plenty of water and wash away.
Packaging: contaminated packaging should be completely emptied. After being properly cleaned, it can be reused.

* 14. TRANSPORT INFORMATION

- **Land transport ADR/RID and GGVS/GGVE:**

Not regulated for transport.

- **Sea transport IMDG:**

Not regulated for transport.

- **Air transport IATA/ICAO:**

Not regulated for transport.

* 15. REGULATORY INFORMATION

- **Labeling according to EU guidelines:**
- **Hazard Symbols:** none

We recommend the following safety precautions:

S-phrases: S25 Avoid contact with eyes.
S36/37 Wear suitable protective clothing and gloves

- **National regulations (Germany):**
- **Water hazard class:** Water hazard class 1- slightly hazardous for water (classified acc. to Annex 4 VwVwS based on components).

Safety Data Sheet

Product: **FILTERSORB® SP3**



WATCH® GmbH
A Water Company

* 16. OTHER INFORMATION

- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.
- **Relevant R-phrases**
none
- *** Data compared to the previous version altered.**
- **Reason for revision:** General update.