

1 Identification of substance

- **Product details**
- **Trade name:** Adsorbon
- **Article number:** 2230
- **Application of the substance / the preparation**
Highly active filter powder for regenerating solvent liquors in drycleaning. For use in Perc, hydrocarbon solvents, and Cyclosiloxane.
- **Manufacturer/Supplier:**
Chemische Fabrik Kreussler & Co. GmbH
Postfach 120454
D-65082 Wiesbaden
- **Information department:**
Abteilung TQM
Herr Vogel
+49 (0) 611 9271-175
Stefan.Kopp@kreussler.com
- **Emergency information:** +49 (0) 611 9271-0

2 Composition/Data on components

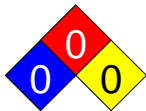
- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

14808-60-7	Quartz (SiO ₂)	1.0-5.0%
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3 Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:** Not applicable.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 0
Fire = 0
Reactivity = 0

4 First aid measures

- **General information:** No special measures required.
- **After skin contact:** Rinse with warm water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

(Contd. on page 2)

Trade name: Adsorbon

(Contd. of page 1)

- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Avoid formation of dust.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Prevent formation of aerosols.
Keep receptacles tightly sealed.
Prevent formation of dust.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Filter A/P2
- **Protection of hands:** PVC or PE gloves
- **Eye protection:** Safety glasses

9 Physical and chemical properties

· General Information

Form:	Powder
Color:	Light grey
Odor:	Odorless

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Product is not flammable.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined.

(Contd. on page 3)

Trade name: Adsorbon

(Contd. of page 2)

- **Bulk density at 20°C (68°F):** 608 kg/m³

- **Solubility in / Miscibility with Water:** Insoluble.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
Acute oral toxicity: >2000mg/kg (Rats)
calculated from data of constituent parts.
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Other information (about experimental toxicology):**
Dust may cause skin to become dry and chapped. Prolonged inhalative action and exceeding the maximum workplace concentration value may result in silicosis induced by fine quartz containing dust. Swirled up dust may cause minor eye and mucous membrane irritations.
- **Additional toxicological information:** The substance is not subject to classification.

12 Ecological information

- **General notes:** Generally not hazardous for water

13 Disposal considerations

- **Product:**
- **Recommendation:** Dispose of in accordance with local, state, and federal Regulations.
- **Uncleaned packagings:**
- **Recommendation:** Packaging can be reused or recycled after cleaning.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Packing group:** -
- **Label:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Danger code (Kemler):** -
- **UN-Number:**
- **Packaging group:** -

(Contd. on page 4)

USA

Trade name: Adsorbon

(Contd. of page 3)

- Maritime transport IMDG:
- IMDG Class: -
- UN Number:
- Label -
- Packaging group: -
- Marine pollutant: No

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -
- UN/ID Number:
- Label -
- Packaging group: -

15 Regulations

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- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

14808-60-7 Quartz (SiO₂)

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogeny categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **IARC (International Agency for Research on Cancer)**

14808-60-7 Quartz (SiO₂)

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- **NTP (National Toxicology Program)**

14808-60-7 Quartz (SiO₂)

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- **TLV (Threshold Limit Value established by ACGIH)**

14808-60-7 Quartz (SiO₂)

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- **MAK (German Maximum Workplace Concentration)**

14808-60-7 Quartz (SiO₂)

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- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

14808-60-7 Quartz (SiO₂)

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **Product related hazard informations:**

The substance is not subject to classification according to the sources of literature known to us.

(Contd. on page 5)

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Trade name: Adsorbon

(Contd. of page 4)

Observe the general safety regulations when handling chemicals.

16 Other information

The information of Items 4 through 8 and 10 through 12 partially refers not to the use and the proper application of the product (see Directions for Use/Product Information) but to the release of larger quantities in the case of accidents and irregularities.

The information exclusively describes the safety requirements of the product(s) and is based on the present state of our experience.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Department issuing MSDS:

Abteilung TQM

Herr Vogel

+49 (0) 611/9271-175

· Contact: Herr Vogel**· * Data compared to the previous version altered.**

USA