



characteristics/ingredients:

Only for *in vitro* use. Aqueous solution, consisting of colloidal silicon, which is coated by polyvinylpyrrolidone (PVP). Currently nothing is known on possible hazardous nature.

CAS-No.: not available

3. Precautionary measures:

According to EG guideline 67/548/EWG and its amendments, the substance is not hazardous. The general precautionary measures about the use of chemicals have to be considered. In general, no water-hazardous substance. Avoid formation of aerosols, do not inhale!

4. Emergency / First Aid:

4.1 Eye contact:

Flush eyes thoroughly with water for at least 15 minutes with open lid. In case of indisposition, consult a physician.

4.2 Skin contact:

Wash skin with soap and plenty of water. In case of indisposition, consult a physician.

4.3 Ingestion:

If swallowed, wash out mouth with water.



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In case of indisposition, consult a physician.

4.4 Inhalation:

If inhaled, remove person to fresh air. If breathing becomes difficult call a physician.

4.5 Puncture wounds:

Wash thoroughly with soap and water. Allow to bleed freely. In case of indisposition, consult a physician.

4.6 Note to physician:

Therapy according to symptoms.

5. Precautions for fire fighting:

5.1 Fire extinguisher media: No restriction

6. Precautions for unintentional release:

6.1 Precautions for spilling: Clean up fluid with water

6.2 Binder: No restriction

Special precautions to restrict damage are not necessary

7. Storage and handling:

7.1 Handling: Fluid not flammable.

7.2 Storage: To be stored at +2 - +25°C

8. Exposition of restriction and personal protective clothes.

8.1 MAK-value: None

8.2 Breathing protection: Not necessary. Only necessary with risk of aerosols.



8.3 Eye protection: Protective glasses.

8.4 Hand protection: Protective gloves. Before breaks and after finishing work, hands need to be washed.

9. Physical/chemical characteristics:

9.1 Appearance: Liquid/suspension
9.2 Colour: Light/white
9.3 Odour: None
9.4 pH-value: 7 - 8
9.5 Boiling point:
9.6 Melting point:
9.7 Blazing point:
9.8 Ignition temperature:
9.9 Explosion pressure:
9.10 Evaporation rate:
9.11 Density:
9.12 Solubility in water: Soluble, colloidal solution

10. Stability and reactivity:

10.1 Hazardous reaction: Not known if used as advised
10.2 Hazardous decomposition products: None

11. Information to toxicology:

11.1 LD50 oral: Not known
11.2 LD50: Not known
11.3 LD50 dermal: Not known
11.4 LD50 inhalativ: Not known

12. Information to ecology:

12.1 Water-hazardous-classification: 0 (Selfassessment)



13. Information for disposal:

Disposal should be avoided or minimized. Do not allow to enter into ground, water or sewage. Observe all Federal, Provincial/State and Local Laws.

According to the actual state of knowledge of the supplier, this product must not be treated as hazardous waste in the sense of EU guideline 91/689/EWG.

14. Information to transport

14.1 GGVE/GGVS:

14.2 ICAO/IATA-DGR:

14.3 GGVSee/IMDG-CODE:

14.4 RID/ADR:

14.5 Un-No.:

14.6 MFAG:

14.7 EMS:

Does not apply to the current regulations for dangerous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO).

15. Regulations:

According to EU directives it is not necessary to declare this product as hazardous material.

16. Special note:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

For *in vitro*-use only.