



## **Section 5. Fire and Explosion Hazard Data**

Flash Point (Method Used): N/A Flammable Limits:  
LEL – N/A, UEL – N/A  
Extinguishing Media: Use CO<sub>2</sub>, ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective Equipment: No special measures required.  
Unusual Fire and Explosion Hazards: No special measures required.

## **Section 6. Accidental Release Measures**

Personal Precautions: Not required.  
Environmental Precautions: Prevent dispersion of material. Wipe up with damp sponge or mop.  
Clean-up Methods: No special measures required.

## **Section 7. Handling and Storage**

Handling: Protect against physical damage. Ensure good ventilation / exhaustion.  
Storage: Requirements to be met by storerooms and receptacles: 2 - 30°C.  
Do not store together with oxidizing agents. Store in cool, dry conditions in well sealed containers.  
Other Precautions: No special measures required.

## **Section 8. Exposure Controls / Personal Protection**

Components with limit values that require monitoring:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information: Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing.

Personal Protective Equipment:

Keep away from food, beverages, and feed.

Wash hands before and after entering laboratory.

Breathing Equipment: In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respiratory.

Hand Protection: Use chemical resistant gloves.

Eye Protection: Wear safety glasses and goggles.

Body Protection: Wear lab coat or other protective work clothing.

## Section 9. Physical and Chemical Properties

Appearance and Odor: Homogenous, free-flowing powder, gray to gray-beige.  
Boiling Point: Not determined Density: Not determined  
Flash Point: Not applicable Melting Point: Not determined  
Auto Igniting: Product is not self-igniting Solubility in Water: Soluble  
Danger of explosion: Product does not present an explosion hazard. pH:  $6.7 \pm 0.2$  @ 25°C  
Solvent Content: Organic solvents – 0.0% Solids Content: 100.0%

## Section 10. Stability and Reactivity

Stability: Unstable  
Stable X Conditions to Avoid: No decomposition if used according to specifications.  
Incompatibility (Materials to Avoid) : None known.

Hazardous Decomposition or Byproducts: No dangerous decomposition products known.

Hazardous Polymerization: May Occur  
Will Not Occur X No dangerous reactions known.

## Section 11. Toxicological Information

Carcinogenicity Classification:  
IARC (International Agency for Research on Cancer) - Not listed  
NTP (National Toxicology Program) - Not listed  
Irritant: No irritating effect.  
Sensitization: No sensitizing effects known.  
Subacute to chronic toxicity: None.  
Additional toxicological information: None.

## Section 12. Ecological Information

Ecotoxicity Tests:

Not known to be hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.

### **Section 13. Disposal Considerations**

Waste Disposal Method: Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste.

RCRA Hazardous Waste – No

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

Container Information: Do not remove labels from containers until they have been cleaned.

### **Section 14. Transport Information**

DOT Regulations:

Not Regulated

Land Transport ADR/RID (cross-border):

Not Regulated

Maritime Transport IMDG:

Not Regulated

Marine Pollutant: No

Air Transport ICAO-TI and IATA-DGR:

Not Regulated

### **Section 15. Regulatory Information**

EU Regulations, Hazard Symbol(s): N/A