



universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

### **7. HANDLING AND STORAGE:**

Information for safe handling: avoid contact with skin, eyes and clothing; material may be an irritant  
Storage: store solid and solutions at -20°C

### **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

Personal protective equipment as follows:  
Breathing equipment: NIOSH/MSHA-approved respirator  
Protection of hands: chemical-resistant rubber gloves  
Eye protection: chemical safety goggles

### **9. PHYSICAL AND CHEMICAL PROPERTIES:**

Form: crystalline powder  
Color: white to off-white  
Odor: none  
Melting point/Melting range: 240-243°C  
Danger of explosion: none  
Solubility in / Miscibility with water: very poorly soluble in water; maximum solubility in plain water is estimated to be about 10-20 µM; buffers, serum, or other additives may increase or decrease the aqueous solubility  
Solvent content: none  
Organic solvents: soluble in DMSO at 100 mg/mL; soluble in ethanol at 2.5 mg/mL with warming

### **10. STABILITY AND REACTIVITY:**

Stability: avoid acids and bases  
Thermal decomposition / conditions to be avoided: protect from light and heat  
Dangerous products of decomposition: thermal decomposition may produce toxic gases such as carbon monoxide and carbon dioxide

### **11. TOXICOLOGICAL INFORMATION:**

RTECS #: KD5084000  
Acute toxicity: none known  
Primary irritant effect:  
On the skin: none known  
On the eye: not known; may be an irritant

### **12. ECOLOGICAL INFORMATION:**

General notes: no data available

### **13. DISPOSAL CONSIDERATION:**

Dispose of in accordance with prevailing country, federal, state and local regulations

### **14. TRANSPORT INFORMATION:**

DOT:  
Proper shipping name: none  
Non-Hazardous for transport: this substance is considered to be non-hazardous for transport  
IATA class:  
Proper shipping name: none  
Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

### **15. REGULATIONS:**

Code letter and hazard designation of product:  
Hazard-determining components of labeling:  
Risk phrases: may be irritating to eyes, skin and respiratory system  
Safety phrases: in case of accident, flush eyes or skin with copious amounts of water; remove contaminated clothing and shoes; call a physician

### **16. OTHER INFORMATION:**

The above information is believed to be correct based on our present knowledge but does not purport to be

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