

CAS No: 14464-46-1
 RTECS No: VV7325000
 UN No:
 EC No:

Crystalline silica, cristobalite
 Crystalline silicon dioxide, cristobalite
 SiO_2
 Molecular mass: 60.1

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Not combustible.		In case of fire in the surroundings: all extinguishing agents allowed.
EXPLOSION			

EXPOSURE		PREVENT DISPERSION OF DUST!	
Inhalation	Cough.	Local exhaust or breathing protection.	
Skin			
Eyes		Safety goggles, or eye protection in combination with breathing protection.	
Ingestion			

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water. (extra personal protection: P3 filter respirator for toxic particles).	Symbol R: S:

EMERGENCY RESPONSE	STORAGE

0809		CRISTOBALITE	
IMPORTANT DATA			
Physical State; Appearance COLOURLESS OR WHITE CRYSTALS		Routes of Exposure The substance can be absorbed into the body by inhalation.	
Chemical Dangers Reacts with strong oxidants causing fire and explosion hazard.		Inhalation Risk Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly when dispersed.	
Occupational Exposure Limits TLV: 0.05 mg/m ³ (respirable dust) (ACGIH 1997). MAK: 0.15 mg/m ³ ; (1996)		Effects of Long-term or Repeated Exposure The substance may have effects on the lungs, resulting in fibrosis (silicosis). This substance is carcinogenic to humans.	
PHYSICAL PROPERTIES			
Boiling point: 2230°C Melting point: 1713°C		Relative density (water = 1): 2.3 Solubility in water: none	
ENVIRONMENTAL DATA			
NOTES			
Depending on the degree of exposure, periodic medical examination is indicated.			
ADDITIONAL INFORMATION			
LEGAL NOTICE		Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information	
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