

TALC (SILICA AND FIBRE FREE)**0329**

March 2001

CAS No: 14807-96-6
RTECS No: WW2710000 $Mg_3(OH)_2Si_4O_{10}$
Molecular mass: 379.3

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Not combustible.		In case of fire in the surroundings: use appropriate extinguishing media.
EXPLOSION			
EXPOSURE		PREVENT DISPERSION OF DUST!	
Inhalation	Cough. Shortness of breath.	Local exhaust or breathing protection.	Fresh air, rest. Refer for medical attention.
Skin			Rinse and then wash skin with water and soap.
Eyes	Redness. Pain.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion		Do not eat, drink, or smoke during work.	
SPILLAGE DISPOSAL	PACKAGING & LABELLING		
Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water. Personal protection: P2 filter respirator for harmful particles.			
EMERGENCY RESPONSE	SAFE STORAGE		

IPCSInternational
Programme on
Chemical SafetyPrepared in the context of cooperation between the International
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IPCS 2005**SEE IMPORTANT INFORMATION ON THE BACK.**

IMPORTANT DATA**Physical State; Appearance**

WHITE POWDER

Occupational exposure limits

TLV: (Respirable fraction) 2 mg/m³ as TWA; A4 (not classifiable as a human carcinogen); (ACGIH 2004).
MAK: (Respirable fraction); Carcinogen category: 3B; (DFG 2004).

Routes of exposure

The substance can be absorbed into the body by inhalation.

Inhalation risk

Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly when dispersed.

Effects of long-term or repeated exposure

The substance may have effects on the lungs, resulting in talc pneumoconiosis.

PHYSICAL PROPERTIES

Melting point: 900-1000°C
Density: 2.7 g/cm³

Solubility in water: none

ENVIRONMENTAL DATA**NOTES**

Depending on the degree of exposure, periodic medical examination is suggested.
Card has been partly updated in October 2005. See section Occupational Exposure Limits.

ADDITIONAL INFORMATION**LEGAL NOTICE**

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