

ZINC SULFIDE**1627**

October 2005

CAS No: 1314-98-3
RTECS No: ZH5400000Zinc monosulfide
Zinc sulphide
ZnS
Molecular mass: 97.45

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			
Inhalation	Cough.	Local exhaust or breathing protection.	Fresh air, rest.
Skin		Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
Eyes	Redness. Pain.	Safety goggles.	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**

Personal protection: P2 filter respirator for harmful particles. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

EMERGENCY RESPONSE**SAFE STORAGE**

Separated from strong acids.

IPCSInternational
Programme on
Chemical SafetyPrepared in the context of cooperation between the International
Programme on Chemical Safety and the European Commission ©
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IMPORTANT DATA**Physical State; Appearance**

WHITE TO YELLOW CRYSTALS OR POWDER

Chemical dangers

Reacts with strong acids to produce toxic hydrogen sulfide.

Occupational exposure limits

TLV not established.

MAK not established.

Inhalation risk

A nuisance-causing concentration of airborne particles can be reached quickly when dispersed.

Effects of short-term exposure

May cause mechanical irritation.

PHYSICAL PROPERTIESSublimation point: 1180/C
Density: 4.0 g/cm³

Solubility in water: none

ENVIRONMENTAL DATA**NOTES****ADDITIONAL INFORMATION****LEGAL NOTICE**

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