

ALUMINUM HYDROXIDE**0373**

March 1998

CAS No: 21645-51-2
RTECS No: BD0940000Alumina hydrate
Aluminum oxide trihydrate
Trihydroxyaluminum
 $AlH_3O_3 / Al(OH)_3$
Molecular mass: 78.0

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		Local exhaust.	Fresh air, rest.
Skin		Protective gloves.	Rinse skin with plenty of water or shower.
Eyes		Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion			Rinse mouth. Rest.

SPILLAGE DISPOSAL

Sweep spilled substance into containers. Wash away remainder with plenty of water.

PACKAGING & LABELLING**EMERGENCY RESPONSE****SAFE STORAGE****IPCS**International
Programme on
Chemical SafetyPrepared in the context of cooperation between the International
Programme on Chemical Safety and the European Commission ©
IPCS 2005**SEE IMPORTANT INFORMATION ON THE BACK.**

IMPORTANT DATA

Physical State; Appearance

ODOURLESS WHITE SOLID IN VARIOUS FORMS

Occupational exposure limits

TLV not established.

MAK: (Respirable fraction) 1.5 mg/m³ (DFG 2004).**Routes of exposure**

The substance can be absorbed into the body by inhalation.

Inhalation risk

Evaporation at 20°C is negligible; a nuisance-causing concentration of airborne particles can, however, be reached quickly.

PHYSICAL PROPERTIES

Melting point: (see Notes) 300

Density: 2.42 g/cm³

Solubility in water: none

Vapour pressure, Pa at 20°C: <10

ENVIRONMENTAL DATA

NOTES

The apparent melting point caused by loss of crystal water is given.

Alugel, Alumigel, Alusal, Amphogel, Almogastin, Higilite, Hychol 705, Hydrafil, Hydral 705, Liquigel, Martinal, and Reheis F 1000 are trade names.

Card has been partly updated in October 2005. See section Occupational Exposure Limits.

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