

SODIUM ACETATE

0565
April 2006

CAS No: 127-09-3
RTECS No: AJA4300010

Acetic acid sodium salt
Sodium acetate anhydrous
 $C_2H_3NaO_2 / CH_3COONa$
Molecular mass: 82.0

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible.	NO open flames.	Water spray, foam, powder, carbon dioxide.
EXPLOSION			

EXPOSURE			
Inhalation		Local exhaust.	Fresh air, rest.
Skin	Redness.	Protective gloves.	Rinse and then wash skin with water and soap.
Eyes	Redness.	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.	Rest.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Personal protection: P1 filter respirator for inert particles. Sweep spilled substance into covered containers; if appropriate, moisten first to prevent dusting. Wash away remainder with plenty of water.	GHS classification Signal: Warning Causes eye irritation

EMERGENCY RESPONSE	SAFE STORAGE
	Dry. Separated from strong acids and strong oxidants.



IMPORTANT DATA

Physical State; Appearance

WHITE HYGROSCOPIC CRYSTALLINE POWDER.

Chemical dangers

The substance decomposes on heating and on contact with strong acids producing acetic acid fumes. Reacts violently with strong oxidants. The solution in water is a weak base.

Occupational exposure limits

TLV not established.
MAK not established.

Routes of exposure

The substance can be absorbed into the body by ingestion.

Inhalation risk

No indication can be given about the rate in which a harmful concentration of this substance in the air is reached.

Effects of short-term exposure

The substance is mildly irritating to the eyes and the skin.

PHYSICAL PROPERTIES

Melting point: 328/C
Density: 1.5 g/cm³

Solubility in water, g/100 ml at 20/C: 46.5
Auto-ignition temperature: 607/C

ENVIRONMENTAL DATA

NOTES

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