

# ACETAMIDE

0233

July 1997

CAS No: 60-35-5  
 RTECS No: AB4025000  
 EC No: 616-022-00-4

Acetic acid amide  
 Ethanamide  
 Acetimidic acid  
 Methanecarboxamide  
 $C_2H_5NO / CH_3CONH_2$   
 Molecular mass: 59.1

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>	Combustible. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Water spray, powder.
<b>EXPLOSION</b>			

EXPOSURE		PREVENT DISPERSION OF DUST! STRICT HYGIENE!	
<b>Inhalation</b>		Local exhaust or breathing protection.	Fresh air, rest.
<b>Skin</b>	Redness. Pain.	Protective gloves. Protective clothing.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
<b>Eyes</b>	Redness. Pain.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Ingestion</b>		Do not eat, drink, or smoke during work.	Rinse mouth. Refer for medical attention.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place. (Extra personal protection: P2 filter respirator for harmful particles).	<b>EU classification</b> Xn Symbol R: 40 S: (2-)/36/37

EMERGENCY RESPONSE	SAFE STORAGE
	Dry. Well closed.

(This area is intentionally left blank for additional information or notes.)



## IMPORTANT DATA

**Physical State; Appearance**

COLOURLESS, DELIQUESCENT CRYSTALS

**Chemical dangers**

The substance decomposes on burning producing toxic fumes including nitrogen oxides. Reacts with acids and strong oxidants.

**Occupational exposure limits**

TLV not established.

MAK: Carcinogen category: 3B (DFG 2005).

**Routes of exposure**

The substance can be absorbed into the body by inhalation of its aerosol.

**Inhalation risk**

Evaporation at 20/C is negligible; a nuisance-causing concentration of airborne particles can, however, be reached quickly when dispersed, especially, if powdered.

**Effects of short-term exposure**

The substance irritates the eyes and the skin.

**Effects of long-term or repeated exposure**

This substance is possibly carcinogenic to humans.

## PHYSICAL PROPERTIES

Boiling point: 222/C

Melting point: 81/C

Density: 1.16 g/cm<sup>3</sup>

Solubility in water, g/100 ml: 200

Vapour pressure, Pa at 65/C: 133

Octanol/water partition coefficient as log Pow: -1.26

## 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