

MALONALDEHYDE

1632
April 2007

CAS No: 542-78-9
RTECS No: TX6475000

Malondialdehyde
Propanedial
Malonic aldehyde
1,3-Propanedialdehyde
OCHCH₂CHO
Molecular mass: 72.1

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.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Refer for medical attention.
Skin		Protective gloves.	Rinse and then wash skin with water and soap.
Eyes	Redness.	Safety goggles.	Rinse with plenty of water (remove contact lenses if easily possible).
Ingestion		Do not eat, drink, or smoke during work.	Rinse mouth. Give one or two glasses of water to drink.

SPILLAGE DISPOSAL

Personal protection: particulate filter adapted to the airborne concentration of the substance. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place.

PACKAGING & LABELLING

GHS classification
Signal: Warning
Excl mark
Harmful if swallowed

EMERGENCY RESPONSE

SAFE STORAGE

IMPORTANT DATA**Physical State; Appearance**

NEEDLES.

Chemical dangers

The substance decomposes on heating producing toxic fumes.

Occupational exposure limits

TLV not established.

MAK not established.

Routes of exposure

The substance can be absorbed into the body by ingestion.

Inhalation risk

A harmful concentration of airborne particles can be reached quickly.

PHYSICAL PROPERTIES

Melting point: 72/C

Octanol/water partition coefficient as log Pow: -1.16

ENVIRONMENTAL DATA**NOTES**

Health effects of exposure to the substance have not been investigated adequately.

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