

Technical Data Sheet Triasorb M

Chemical synonym:

1,3,5-Trimethylhexahydro-1,3,5-triazine (hexahydro-1,3,5-trimethyl-1,3,5-triazine; 1,3,5-trimethyl-1,3,5-triazinane)

General information:

CAS number 108-74-7

Molecular formula C₆H₁₅N₃

Description:

MMA-triazine is a cyclic tertiary triamine. It is mainly used as a scavenger for sour gases like H₂S and mercaptans in gaseous or liquid hydrocarbon streams.

The MMA-triazine is available as an aqueous solution with concentration up to 55%.

Specifications:

Item	Result
Mass content of amines (in terms of hexahydro-1,3,5-trimethyl-s-triazine), %	42-55
Appearance	Liquid from colorless to dark yellow colour
pH at 20 °C	>9
Density at 20 °C, g/sm ³	1.00 - 1.03

Physical Properties:

Property	Value
Odor	amine
Flash point	(70 - 88) °C
Boiling point (100 % solution):	149 °C
Solidification temperature:	(- 42 -50) °C
Water solubility:	soluble

Hazards:

Skin irritation / corrosion: corrosive.

Eye irritation: corrosive.

Packing:

Drums, tank-cars, truck tanks.

Handling and Storage: Segregate from strong acids and oxidizing agents.

Store in suitable labeled containers.

Store the containers tightly closed.

Store away from heat and sources of ignition.

Have appropriate fire extinguishers available in and near the storage area. Connections must be grounded to avoid electrical charges.

Ensure ventilation. Wear personal protective equipment. Detail information on handling and environmental protection is given in SDS

Warning:

Triasorb M is designed for industrial use only.

Only qualified and trained personnel can handle the products provided that all required safety measures are observed.

The above information is based on our present knowledge of the product. However, this shall not constitute a guarantee for any specific product features and shall not account for any legal liability.

