

CAS No: 108-78-1
RTECS No: OS0700000

2,4,6-Triamino-1,3,5-triazine
1,3,5-Triazine-2,4,6-triamine
Cyanurotriamide
 $C_3H_6N_6$ / $C_3N_3(NH_2)_3$
Molecular mass: 126.1

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Combustible under specific conditions. Gives off irritating or toxic fumes (or gases) in a fire.	NO open flames.	Powder, water spray, foam, carbon dioxide.
EXPLOSION	Finely dispersed particles form explosive mixtures in air.	Prevent deposition of dust; closed system, dust explosion-proof electrical equipment and lighting.	In case of fire: keep drums, etc., cool by spraying with water.

EXPOSURE	PREVENT DISPERSION OF DUST!	
Inhalation		Fresh air, rest.
Skin	Protective gloves.	Rinse and then wash skin with water and soap.
Eyes	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible).
Ingestion	Do not eat, drink, or smoke during work.	Rinse mouth.

SPILLAGE DISPOSAL

Personal protection: P2 filter respirator for harmful particles. Sweep spilled substance into sealable containers; if appropriate, moisten first to prevent dusting. Carefully collect remainder, then remove to safe place

PACKAGING & LABELLING**EMERGENCY RESPONSE****SAFE STORAGE****IPCS**

International
Programme on
Chemical Safety



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SEE IMPORTANT INFORMATION ON THE BACK.

IMPORTANT DATA

Physical State; Appearance

COLOURLESS TO WHITE CRYSTALS.

Physical dangers

Dust explosion possible if in powder or granular form, mixed with air.

Chemical dangers

The substance decomposes on heating or on burning producing toxic and irritating fumes including hydrogen cyanide, nitrogen oxides, and ammonia.

Occupational exposure limits

TLV not established.

MAK not established.

Inhalation risk

A nuisance-causing concentration of airborne particles can be reached quickly when dispersed, especially if powdered.

Effects of long-term or repeated exposure

When ingested in large amounts the substance may have effects on the kidneys and bladder, resulting in stone formation.

PHYSICAL PROPERTIES

Decomposes at > 270 /C Melting point (decomposes): > 345 /C

Density: 1574 kg/m³

Solubility in water, g/100 ml: 0.31

Vapour pressure, Pa at 20/C: 4.7 x 10⁻⁸ (negligible)

Auto-ignition temperature: >500/C

Octanol/water partition coefficient as log Pow: -1.14

ENVIRONMENTAL DATA

NOTES

ADDITIONAL INFORMATION

LEGAL NOTICE

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