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Technical Data Sheet

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Trithiocyanuric Acid

Product Information

Chemical Name Trithiocyanuric acid, 1,3,5-Triazine-2,4,6-trithiol; s-Triazine-2,4,6-trithiol

CAS # 108-11-2

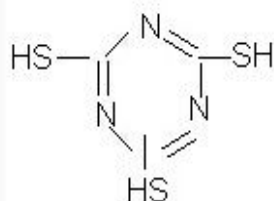
Formula $C_3H_3N_3S_3$

Molecular Weight 177.3

Synonyms

1,3,5-Triazine-2,4,6(1H,3H,5H)-trithione; 1,3,5-triazine-2,4,6-trimercaptan; 1,3,5-trimercaptotriazine; 2,4,6-triazinetriethiol; 2,4,6-trimercapto-s-triazine; trithio-cyanuric acid; usafth-3; S-TRIAZINE-2,4,6-TRITHIOL

Chemical Structure



Description

A clear colorless liquid. Flash point 120° F. Less dense than water. Vapors heavier than air.

Specification

Appearance: yellow powder

Loss on heat %: ≤ 0.5

Ash %: ≤ 0.5

decompound temperature ° C: $\geq 330 \pm 10^\circ \text{C}$

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Used in ACM, CO.ECO, CR, or used in rubber/plastic mixed material

Packaging

25kg/drum 1fcl is about 10.8t without pallets

Storage & Handling

Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

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