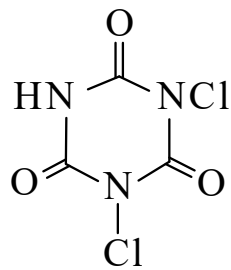




>>Entry Name: 1,3-Dichloro-1,3,5-triazine-2,4,6(1*H*,3*H*,5*H*)-trione, 9Cl

Synonym(s): Troclosene. Dichloroisocyanuric acid



CAS Registry Number: 2782-57-2

Molecular Formula: C₃HCl₂N₃O₃

Molecular Weight: 197.965

Accurate Mass: 196.939496

Percentage Composition: C 18.20%; H 0.51%; Cl 35.82%; N 21.23%; O 24.25%

Use/Importance: Chlorinating agent. Topical antiseptic. Effective against HIV-1 contamination

Physical Description: Cryst. with chlorine odour

Melting Point: Mp 226.4-226.7°

Hazard & Toxicity: Severe eye irritant

>>Derivative: K salt

Synonym(s): Troclosene potassium, INN, USAN. Potassium dichloroisocyanurate, JAN. ACL 59. Neochlor 59

CAS Registry Number: 2244-21-5

Physical Description: Hygroscopic cryst.

Melting Point: Mp 250 dec.°

Hazard & Toxicity: Eye and skin irritant. LD₅₀ (rat, orl) 1215 mg/kg

Rare Chemicals Library: S59085-1

>>Derivative: Na salt

Synonym(s): Actisan. Aponti-Sterilisierhad. Clearon. Simpla. Solprogel. ACL 60. Izosan G. Neochlor 60P. Oniachlor 60

CAS Registry Number: 2893-78-9

Hazard & Toxicity: Skin and eye irritant when moistened. Human fatality recorded by ingestion

Aldrich: 21892-8

Sigma: D8757

References:

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