

1. Identification

Catalogue Number

A697400

Lot Number

11-IHB-158-2

Product Name

Antiblaze V6

Synonyms

P,P'-[2,2-bis(chloromethyl)-1,3-propanediyl] Phosphoric Acid P,P,P',P'-tetrakis(2-chloroethyl) Ester; 2,2-bis(Chloromethyl)-1,3-propanediyl tetrakis(2-chloroethyl) Ester Phosphoric Acid; bis(2-Chloroethyl) Ester Phosphoric Acid Diester with 2,2-bis(Chloromethyl)-1,3-propanediol; 2,2-Bis(chloromethyl)-1,3-propanediol 2-Chloroethanol Phosphate (1:4:2); 2,2-Bis(chloromethyl)-1,3-propanediol Bis[bis(2-chloroethyl) Phosphate] (1:4:2); 2,2-Bis(chloromethyl)-1,3-propanediol Bis[bis(2-chloroethyl) Phosphate] (1:4:2)

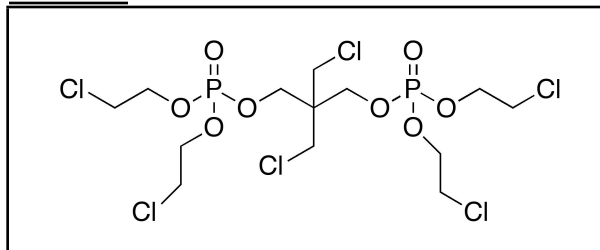
CAS Number

38051-10-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₂₄Cl₆O₈P₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

582.99

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Yellow Thick Oil

Results

Hazy Colourless to Off-White Thick Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 27.11, %H: 4.10

HPLC Purity

>95%

99.49% (ELSD)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by



Jessica Wang Chi

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

4/15/2025

Retest Date

4/13/2029