

Substance Details Report

January 9, 2017

Core Metadata

Substance Type Chemical Substance
EPA Registry Name Trimethyl phosphite
EPA Registry Name List Chemical Identification
Systematic Name Phosphorous acid, trimethyl ester
Systematic Name List Chemical Abstracts Index Name
Preferred Acronym
CAS Number 121-45-9
EPA Identification Number
TSN Number
Kingdom
ICTVDB
Molecular Formula C3H9O3P
Molecular Weight 124.08
Comment/Description

Internal Tracking Number 31716
Substance Status Approved

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation
O(P(OC)OC)C

Notation Type
SMILES

Substance Details Report

January 9, 2017

Synonym

Below are the EPA applications/systems, statues/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Trimethyl phosphite	Valid		
TSCA 8A PAIR	Phosphorous acid, trimethyl ester	Valid	07/22/1982	05/15/2002
TSCA Inv	Phosphorous acid, trimethyl ester	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Phosphorous acid, trimethyl ester	Valid		
CAMEO Chemicals	Trimethyl phosphite	Valid		
CERCLIS3	Trimethyl phosphite	Valid		
CHIPS	Trimethyl phosphite	Valid		
CORR	Phosphorous acid, trimethyl ester	Valid		
ERNS	Trimethyl phosphite	Valid		
GCES	Phosphorous acid, trimethyl ester	Valid		
HPVC List	Phosphorous acid, trimethyl ester	Valid		
HPVIS	Phosphorous acid, trimethyl ester	Valid		
ICIS-Air	Trimethyl phosphite	Valid		
PEPS	Phosphorous acid, trimethyl ester	Valid		
TSCATS	Trimethyl phosphite	Valid	09/21/2011	

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Phosphorous acid, trimethyl ester	Valid		
CFATS	Trimethyl phosphite	Unknown	08/08/2013	
CUS02	Phosphorous acid, trimethyl ester	Valid		
CUS86	Phosphorous acid, trimethyl ester	Valid		
CUS90	Phosphorous acid, trimethyl ester	Valid		
CUS94	Phosphorous acid, trimethyl ester	Valid		

Substance Details Report

January 9, 2017

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CUS98	Phosphorous acid, trimethyl ester	Valid		
ChemIDStd	Trimethyl phosphite	Valid		
FDA	TRIMETHYL PHOSPHITE	Unknown		
HSDB	Trimethyl phosphite	Valid		
NJ-RTK-HS	Trimethyl phosphite	Valid		

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
AEGL	Trimethylphosphite	Unknown		

EPA Synonyms

There are no Synonyms of this type.

Substance Details Report

January 9, 2017

Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

http://www.osha.gov/dts/chemicalsampling/data/CH_274010.html

<http://nj.gov/health/eoh/rtkweb/documents/fs/1935.pdf>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=121-45-9&result=advanced>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000121459>