

Substance Details Report

January 10, 2017

Core Metadata

Substance Type	Chemical Substance	Internal Tracking Number	5835
EPA Registry Name	Tetramethyllead	Substance Status	Approved
EPA Registry Name List	Chemical Identification		
Systematic Name	Plumbane, tetramethyl-		
Systematic Name List	Chemical Abstracts Index Name		
Preferred Acronym			
CAS Number	75-74-1		
EPA Identification Number			
TSN Number			
Kingdom			
ICTVDB			
Molecular Formula	C4H12Pb		
Molecular Weight	267.34		
Comment/Description			

Definition

Classifications

Lead containing

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
C[Pb](C)(C)C	SMILES

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Synonym

Below are the EPA applications/systems, statutes/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	Tetramethyllead	Valid		
CAA 111	Tetramethyl lead	Valid	01/05/1981	
CAA 112R	Plumbane, tetramethyl-	Valid	01/31/1994	
CAA 112R	Tetramethyllead	Valid	01/31/1994	
CAA112(b) HON	Tetramethyllead	Valid		
EPCRA 302	Tetramethyllead	Valid	11/17/1986	
TSCA Inv	Plumbane, tetramethyl-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Lead, tetramethyl-	Valid		
CAMEO Chemicals	Tetramethyllead	Valid		
CERCLIS3	Tetramethyl lead	Valid		
ECOTOX	Tetramethyl plumbane	Valid		
ECOTOX	Tetramethyl lead	Valid		
ERNS	Tetramethyl lead	Valid		
ERNS	Lead tetramethyl	Valid		
ERNS	Plumbane, tetramethyl-	Valid		
GCES	Tetramethyl lead	Valid		
ICIS-Air	Tetramethyl lead	Valid		
RMP*Info	Tetramethyllead	Valid		
RMP*Info	Plumbane, tetramethyl-	Valid		
TSCATS	Tetramethyllead	Valid	09/21/2011	

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Plumbane, tetramethyl-	Valid		

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CFATS	Tetramethyllead	Unknown	08/08/2013	
CUS86	Lead, tetramethyl-	Valid		
ChemIDStd	Tetramethyllead	Valid		
FDA	TETRAMETHYLLEAD	Unknown		
HSDB	Tetramethyl lead	Valid		
IARC	Tetramethyl lead	Valid		
NJ-RTK-HS	Tetramethyl lead	Valid		
NTP Chemical Repository	Tetramethyl lead	Valid		
OSHA PSM-29 CFR 1910.119 App A	Tetramethyl Lead	Unknown	08/11/2013	

Ad Hoc List

Ad Hoc List	Synonym	Synonym Quality	Effective Date	End Date
AEGL	Tetramethyl lead	Unknown		
RSL	Tetramethyl Lead	Unknown		

EPA Synonyms

There are no Synonyms of this type.

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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_271100.html

<http://www.cdc.gov/niosh/ipcsneng/neng0200.html>

<http://nj.gov/health/eoh/rtkweb/documents/fs/1831.pdf>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=75-74-1&result=advanced>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000075741>