

Substance Details Report

January 9, 2017

Core Metadata

Substance Type Chemical Substance
EPA Registry Name sec-Butyl acetate
EPA Registry Name List Chemical Identification
Systematic Name Acetic acid, 1-methylpropyl ester
Systematic Name List Chemical Abstracts Index Name
Preferred Acronym
CAS Number 105-46-4
EPA Identification Number
TSN Number
Kingdom
ICTVDB
Molecular Formula C6H12O2
Molecular Weight 116.16
Comment/Description

Internal Tracking Number 22814
Substance Status Approved

Definition

Classifications

Associated Identifiers

Former CAS Numbers

116698-48-7

Structure

Notation

O=C(OC(CC)C)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	sec-Butyl acetate	Valid		
CERCLA	sec-Butyl acetate	Valid		
CWA 311	sec-Butyl acetate	Valid	03/13/1978	
TSCA 8A PAIR	sec-Butyl acetate	Valid	01/26/1994	
TSCA 8D HSDR (d)	sec-Butyl acetate	Valid	01/26/1994	01/26/2004
TSCA Inv	Acetic acid, 1-methylpropyl ester	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
CAMEO Chemicals	sec-Butyl acetate	Valid		
CERCLIS3	sec-Butyl acetate	Valid		
CORR	sec-Butyl acetate	Valid		
ECOTOX	1-Methylpropyl ester acetic acid	Valid		
ECOTOX	DL-sec-butylacetate	Valid		
ERNS	Acetic acid, sec-butyl ester	Valid		
ERNS	Butyl acetate, sec-	Valid		
GCES	Acetic acid, 1-methylpropyl ester	Valid		
ICIS-Air	sec-Butylacetate	Valid		
ICIS-Air	Butylacetate, sec-	Valid		
MTL96	Acetic acid, 1-methylpropyl ester	Valid		
TSCATS	Acetic acid, 1-methylpropyl ester	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Acetic acid, 1-methylpropyl ester	Valid		
ChemIDStd	sec-Butyl acetate	Valid		
FDA	SEC-BUTYL ACETATE	Unknown		

Substance Details Report

January 9, 2017

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
HSDB	sec-Butyl acetate	Valid		
ITER	sec-Butyl acetate	Valid	12/19/2014	
MTL	sec-Butyl acetate	Valid	01/01/1993	

Ad Hoc List

There are no Synonyms of this type.

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		
Butyl acetates -- CERCLA	Butyl acetates			E755397		

Related References

<http://www.osha.gov/dts/sltc/methods/organic/org007/org007.html>
http://www.osha.gov/dts/chemicalsampling/data/CH_222600.html
<http://www.cdc.gov/niosh/ipcsneng/neng0840.html>
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=105-46-4>
<http://nj.gov/health/eoh/rtkweb/documents/fs/1644.pdf>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=105-46-4&result=advanced>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000105464>
https://iter.ctc.com/publicURL/p_report_view_list.cfm?crn=105%2D46%2D4