

Substance Details Report

January 10, 2017

Core Metadata

Substance Type	Chemical Substance	Internal Tracking Number	7336
EPA Registry Name	Isobutylamine	Substance Status	Approved
EPA Registry Name List	Chemical Identification		
Systematic Name	1-Propanamine, 2-methyl-		
Systematic Name List	Chemical Abstracts Index Name		
Preferred Acronym			
CAS Number	78-81-9		
EPA Identification Number			
TSN Number			
Kingdom			
ICTVDB			
Molecular Formula	C4H11N		
Molecular Weight	73.14		
Comment/Description			

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
NCC(C)C	SMILES

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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	Isobutylamine	Valid		
CERCLA	iso-Butylamine	Valid		
CWA 311	iso-Butylamine	Valid	03/13/1978	
TSCA Inv	1-Propanamine, 2-methyl-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	1-Propanamine, 2-methyl-	Valid		
CAMEO Chemicals	Isobutylamine	Valid		
CERCLIS3	Isobutylamine	Valid		
ECOTOX	Isobutylamine	Valid		
ECOTOX	Monoisobutylamine	Valid		
ERNS	Isobutylamine	Valid		
ERNS	Monoisobutylamine	Valid		
GCES	1-Propanamine, 2-methyl-	Valid		
ICIS-Air	Isobutylamine	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	1-Propanamine, 2-methyl-	Valid		
CUS98	1-Propanamine, 2-methyl-	Valid		
ChemIDStd	Isobutylamine	Valid		
FDA	ISOBUTYLAMINE	Unknown		
HSDB	Isobutylamine	Valid		
NJ-RTK-HS	Isobutylamine	Valid		
NTP Chemical Repository	Isobutylamine	Valid		

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Ad Hoc List

There are no Synonyms of this type.

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
Butylamines -- CERCLA	Butylamines			E755405		
Volatile organic compounds	VOCs			E761346		

Related References

http://www.osha.gov/dts/chemicalsampling/data/CH_247930.html

<http://www.cdc.gov/niosh/ipcsneng/neng1253.html>

<http://nj.gov/health/eoh/rtkweb/documents/fs/1044.pdf>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=78-81-9&result=advanced>

<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=1H60H4LOHZ>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000078819>