

Substance Details Report

January 9, 2017

Core Metadata

Substance Type	Chemical Substance	Internal Tracking Number	20404
EPA Registry Name	Phenyl ether	Substance Status	Approved
EPA Registry Name List	Chemical Identification		
Systematic Name	Benzene, 1,1'-oxybis-		
Systematic Name List	Chemical Abstracts Index Name		
Preferred Acronym			
CAS Number	101-84-8		
EPA Identification Number			
TSN Number			
Kingdom			
ICTVDB			
Molecular Formula	C12H10O		
Molecular Weight	170.21		
Comment/Description			

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

Notation	Notation Type
<chem>O(c1ccccc1)c1ccccc1</chem>	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	Phenyl ether	Valid		
CAA 111	Diphenyl oxide	Valid	01/05/1981	
CAA112(b) HON	Diphenyl oxide	Valid		
TSCA 8A PAIR	Diphenyl oxide	Valid	04/13/1989	05/15/2002
TSCA 8D HSDR (a)	Benzene, 1,1'-oxybis-	Valid	04/13/1989	04/13/1999
TSCA 8D HSDR (a)	Diphenyl oxide	Valid	04/13/1989	04/13/1999
TSCA Inv	Benzene, 1,1'-oxybis-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Phenyl ether	Valid		
2012 CDR	Benzene, 1,1'-oxybis-	Valid		
CAMEO Chemicals	Diphenyl oxide	Valid		
CERCLIS3	Phenyl ether, vapor	Valid		
CORR	Diphenyl oxide	Valid		
ECOTOX	Diphenyl oxide	Valid		
ECOTOX	1,1'-Oxybisbenzene	Valid		
ECOTOX	Phenyl ether	Valid		
ECOTOX	Diphenyl ether	Valid		
ERNS	Phenyl ether	Valid		
ERNS	Diphenyl ether	Valid		
ERNS	Diphenyl oxide	Valid		
GCES	Benzene, 1,1'-oxybis-	Valid		
HPVC List	Phenyl ether	Valid		
HPVIS	Benzene, 1,1'-oxybis-	Valid		
ICIS-Air	Diphenyl oxide	Valid		
STORET	Diphenyl ether	Valid		

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EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
TSCATS	Benzene, 1,1'-oxybis-	Valid		
WQX	Phenyl ether	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Benzene, 1,1'-oxybis-	Valid		
CUS02	Benzene, 1,1'-oxybis-	Valid		
CUS86	Phenyl ether	Valid		
CUS90	Phenyl ether	Valid		
CUS94	Phenyl ether	Valid		
CUS98	Benzene, 1,1'-oxybis-	Valid		
ChemIDStd	Phenyl ether	Valid		
FDA	DIPHENYL ETHER	Unknown		
HSDB	Diphenyl ether	Valid		
NTP Chemical Repository	Diphenyl oxide	Valid		

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
Volatile organic compounds	VOCs			E761346		

Related References

http://www.osha.gov/dts/chemicalsampling/data/CH_261300.html
<http://www.osha.gov/dts/sltc/methods/partial/pv2022/2022.html>
<http://www.cdc.gov/niosh/ipcsneng/neng0791.html>
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=101-84-8>
<http://nj.gov/health/eoh/rtkweb/documents/fs/1496.pdf>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=101-84-8&result=advanced>
<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=3O695R5M1U>
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000101848>