

# Substance Details Report

January 9, 2017

## Core Metadata

<b>Substance Type</b>	Chemical Substance	<b>Internal Tracking Number</b>	46482
<b>EPA Registry Name</b>	Ketene	<b>Substance Status</b>	Approved
<b>EPA Registry Name List</b>	Chemical Identification		
<b>Systematic Name</b>	Ethenone		
<b>Systematic Name List</b>	Chemical Abstracts Index Name		
<b>Preferred Acronym</b>			
<b>CAS Number</b>	463-51-4		
<b>EPA Identification Number</b>			
<b>TSN Number</b>			
<b>Kingdom</b>			
<b>ICTVDB</b>			
<b>Molecular Formula</b>	C2H2O		
<b>Molecular Weight</b>	42.04		
<b>Comment/Description</b>			

### Definition

### Classifications

#### Associated Identifiers

##### Former CAS Numbers

32834-27-8

32834-35-8

### Structure

#### Notation

C=C=O

#### Notation Type

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	Ketene	Valid		
CAA 111	Ketene	Valid	01/05/1981	
TSCA Inv	Ethenone	Valid		

### EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	Ketene	Valid		
CAMEO Chemicals	Ketene	Valid		
CERCLIS3	Ethenone	Valid		
CERCLIS3	Ketene	Valid		
GCES	Ethenone	Valid		
ICIS-Air	Ketene	Valid		

### Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	Ethenone	Valid		
CUS86	Ketene	Valid		
ChemIDStd	Ketene	Valid		
FDA	KETENE	Unknown		
HSDB	Ketene	Valid		
NJ-RTK-HS	Ketene	Valid		
OSHA PSM-29 CFR 1910.119 App A	Ketene	Unknown	08/11/2013	

### Ad Hoc List

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

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## 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\\_248900.html](http://www.osha.gov/dts/chemicalsampling/data/CH_248900.html)

<http://www.cdc.gov/niosh/ipcsneng/neng0812.html>

<http://nj.gov/health/eoh/rtkweb/documents/fs/1092.pdf>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=463-51-4&result=advanced>

<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=LEP3SM032A>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000463514>