

# Substance Details Report

January 9, 2017

## Core Metadata

<b>Substance Type</b>	Chemical Substance	<b>Internal Tracking Number</b>	16717
<b>EPA Registry Name</b>	3-Pentanone	<b>Substance Status</b>	Approved
<b>EPA Registry Name List</b>	Chemical Identification		
<b>Systematic Name</b>	3-Pentanone		
<b>Systematic Name List</b>	Chemical Abstracts Index Name		
<b>Preferred Acronym</b>			
<b>CAS Number</b>	96-22-0		
<b>EPA Identification Number</b>			
<b>TSN Number</b>			
<b>Kingdom</b>			
<b>ICTVDB</b>			
<b>Molecular Formula</b>	C5H10O		
<b>Molecular Weight</b>	86.13		
<b>Comment/Description</b>			

## Definition

## Classifications

### Associated Identifiers

There is no information about former or incorrectly used identifiers.

## Structure

Notation	Notation Type
<chem>O=C(CC)CC</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	3-Pentanone	Valid		
TSCA 4 Final TR	3-Pentanone	Unknown		05/26/2016
TSCA Inv	3-Pentanone	Valid		

### EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	3-Pentanone	Valid		
AQS	3-Pentanone	Valid		
CAMEO Chemicals	Diethyl ketone	Valid		
CERCLIS3	Diethyl ketone	Valid		
ECOTOX	3-Pentanone	Valid		
ERNS	3-Pentanone	Valid		
ERNS	Diethyl ketone	Valid		
GCES	3-Pentanone	Valid		
HPVC List	3-Pentanone	Valid		
HPVIS	3-Pentanone	Valid		
ICIS-Air	Diethyl ketone	Valid		

### Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
CA Index	3-Pentanone	Valid		
CUS02	3-Pentanone	Valid		
CUS86	3-Pentanone	Valid		
CUS90	3-Pentanone	Valid		
CUS94	3-Pentanone	Valid		
CUS98	3-Pentanone	Valid		
ChemIDStd	3-Pentanone	Valid		

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
FDA	DIETHYL KETONE	Unknown		
HSDB	3-Pentanone	Valid		
NJ-RTK-HS	Diethyl ketone	Valid		
NWIS	3-Pentanone	Unknown		

## 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\\_235175.html](http://www.osha.gov/dts/chemicalsampling/data/CH_235175.html)  
<http://www.cdc.gov/niosh/ipcsneng/neng0874.html>  
<http://nj.gov/health/eoh/rtkweb/documents/fs/0704.pdf>  
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=96-22-0&result=advanced>  
<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=9SLZ98M9NK>  
<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000096220>