

Substance Details Report

January 9, 2017

Core Metadata

| | | | |
|----------------------------------|-------------------------------|---------------------------------|----------|
| Substance Type | Chemical Substance | Internal Tracking Number | 45088 |
| EPA Registry Name | Thiirane | Substance Status | Approved |
| EPA Registry Name List | Chemical Identification | | |
| Systematic Name | Thiirane | | |
| Systematic Name List | Chemical Abstracts Index Name | | |
| Preferred Acronym | | | |
| CAS Number | 420-12-2 | | |
| EPA Identification Number | | | |
| TSN Number | | | |
| Kingdom | | | |
| ICTVDB | | | |
| Molecular Formula | C2H4S | | |
| Molecular Weight | 60.12 | | |
| Comment/Description | | | |

Definition

Classifications

Associated Identifiers

There is no information about former or incorrectly used identifiers.

Structure

| Notation | Notation Type |
|----------|---------------|
| S1CC1 | SMILES |

Substance Details Report

January 9, 2017

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 | Thiirane | Valid | | |
| TSCA Inv | Thiirane | Valid | | |

EPA Applications/Systems

| EPA Application/System | Synonym | Synonym Quality | Effective Date | End Date |
|------------------------|-------------------|-----------------|----------------|----------|
| CERCLIS3 | Ethylene sulphide | Valid | | |
| GCES | Thiirane | Valid | | |

Other Sources

| Other Sources | Synonym | Synonym Quality | Effective Date | End Date |
|---------------|------------------|-----------------|----------------|----------|
| CA Index | Thiirane | Valid | | |
| ChemIDStd | Thiirane | Valid | | |
| FDA | ETHYLENE SULFIDE | Unknown | | |
| IARC | Ethylene sulfide | Valid | | |

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 | | |

Related References

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=420-12-2&result=advanced>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000420122>