



PYRIDINE-D5 "100%" (D, 99.94%)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 12/14/2010 Revision date: 5/17/2023 Supersedes: 6/14/2016 Version: 5.2

SECTION 1: Identification

1.1. Identification

Product form : Substance
Substance name : PYRIDINE-D5 "100%" (D, 99.94%)
Chemical name : PYRIDINE-D5 "100%" (D, 99.94%)
CAS-No. : 110-86-1
Product code : DLM-39
Formula : C5H5N

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Cambridge Isotope Laboratories, Inc.
50 Frontage Rd
01810
ANDOVER, MA, 01810
USA
T 1-800-322-1174
cilsales@isotope.com - www.isotope.com

1.4. Emergency telephone number

Emergency number : 1-703-741-5970
Chemtrec 1-800-424-9300 24 hours

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|--|------|-----------------------------------|
| Flammable liquids Category 2 | H225 | Highly flammable liquid and vapor |
| Acute toxicity (oral) Category 4 | H302 | Harmful if swallowed |
| Acute toxicity (dermal) Category 4 | H312 | Harmful in contact with skin |
| Acute toxicity (inhalation) Category 4 | H332 | Harmful if inhaled |
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Serious eye damage/eye irritation Category 2A | H319 | Causes serious eye irritation |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | H335 | May cause respiratory irritation |
| Hazardous to the aquatic environment – Acute Hazard Category 3 Full text of H statements : see section 16 | H402 | Harmful to aquatic life |

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H225 - Highly flammable liquid and vapor
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled

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| | |
|-----------------------------------|--|
| Precautionary statements (GHS US) | <p>H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H402 - Harmful to aquatic life</p> <p>: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/Bond container and receiving equipment. P241 - Use explosion-proof electrical, lighting, ventilating equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P261 - Avoid breathing dust, fume, mist, gas, spray, vapors. P264 - Wash Both hands thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective clothing, protective gloves. P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell. P302+P352 - If on skin: Wash with plenty of water. P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a poison center or doctor if you feel unwell. P321 - Specific treatment (see Hazard pictograms (CLP) on this label). P322 - Specific treatment (see supplemental first aid instruction on this label) P330 - Rinse mouth. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire: Use Alcohol resistant foam, Carbon dioxide, Dry chemical, Water spray to extinguish. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up. P501 - Dispose of contents/container to Comply with applicable regulations.</p> |
|-----------------------------------|--|

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/Information on ingredients

3.1. Substances

| Name | Product identifier | % | GHS US classification |
|--|--------------------|-----|---|
| PYRIDINE-D5 "100%" (D, 99.94%) (Main constituent) | CAS-No.: 110-86-1 | 100 | Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Acute 3, H402 |

Full text of hazard classes and H-statements : see section 16

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. |
| First-aid measures after inhalation | : If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician. |
| First-aid measures after skin contact | : Wash with soap and plenty of water. Consult a physician. |
| First-aid measures after eye contact | : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| First-aid measures after ingestion | : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |

4.2. Most important symptoms and effects (acute and delayed)

| | |
|---|---|
| Potential Adverse human health effects and symptoms | : Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Dizziness, Tachycardia, Nervousness, Insomnia, Skin disorders, Loss of appetite. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |
| Symptoms/effects after inhalation | : May be harmful if inhaled. Causes respiratory tract irritation. |
| Symptoms/effects after skin contact | : Harmful if absorbed through skin. Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes eye irritation. |
| Symptoms/effects after ingestion | : Harmful if swallowed. |

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

5.2. Specific hazards arising from the chemical

No additional information available

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5.3. Special protective equipment and precautions for fire-fighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Wear self contained breathing apparatus for fire fighting if necessary. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |
| Other information | : Use water spray to cool unopened containers. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|--|
| Emergency procedures | : Use personal protective equipment, and ensure adequate ventilation. Avoid breathing vapors, mist, gas. Remove ignition sources, and move personnel to safe area. Vapors accumulate especially in low areas to form explosive concentrations. |
|----------------------|--|

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. |
|-------------------------|---|

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|--|
| Additional hazards when processed | : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. |
| Hygiene measures | : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--------------------|---|
| Storage conditions | : Store at room temperature away from light and moisture. |
|--------------------|---|

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1) | |
|--|--|
| USA - ACGIH - Occupational Exposure Limits | |
| Local name | Pyridine |
| ACGIH OEL TWA [ppm] | 1 ppm Liver damage. Kidney damage. Skin irritation. Confirmed animal carcinogen. . . |
| Remark (ACGIH) | TLV® Basis: Skin irr; liver & kidney dam. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |

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|---|--|
| Regulatory reference | ACGIH 2022 |
| USA - OSHA - Occupational Exposure Limits | |
| Local name | Pyridine |
| OSHA PEL TWA [1] | 15 mg/m ³ The value in mg/m ³ is approximate. |
| OSHA PEL TWA [2] | 5 ppm |
| Remark (OSHA) | PEL 5 ppm 15 mg/m ³ California permissible exposure limits for chemical contaminants. |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| USA - NIOSH - Occupational Exposure Limits | |
| NIOSH REL TWA | 15 mg/m ³ The value in mg/m ³ is approximate. |
| NIOSH REL TWA [ppm] | 5 ppm |

8.2. Appropriate engineering controls

Appropriate engineering controls : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.

| |
|--|
| Materials for protective clothing: |
| Wear suitable protective clothing and gloves |
| Hand protection: |
| Wear suitable protective clothing and gloves |
| Eye protection: |
| Wear safety glasses with side shields (or goggles) and a face shield. |
| Skin and body protection: |
| Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Respiratory protection: |
| When appropriate, use NIOSH/CEN approved respirator. |

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Color : Colorless

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| | |
|---|--|
| Odor | : Unpleasant |
| Odor threshold | : No data available |
| pH | : 8.5 at 15.82 g/l at 25 °C (77 °F) |
| Melting point | : -42 °C (-44 °F) - lit |
| Freezing point | : No data available |
| Boiling point | : 115 °C (239 °F) - lit |
| Flash point | : 17 °C (62.6 °F) - closed cup |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : 13.3 hPa (10 mmHg) at 13.2 °C (55.8 °F); 26.7 hPa (20.0 mmHg) at 25 °C (77 °F) |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Density | : 0.978 g/ml at 25 °C (77 °F) |
| Molecular mass | : 84.13 g/mol (Labeled) |
| Solubility | : Soluble in water. Water: % |
| Partition coefficient n-octanol/water (Log Pow) | : 0.65 |
| Auto-ignition temperature | : 482 °C (899.6 °F) |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : 1.8 – 12.4 % (V) |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Vapors may form explosive mixture with air.

10.2. Chemical stability

Stable if stored under recommended conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Avoid Heat, Flames and Sparks.

10.5. Incompatible materials

Strong oxidizing agents, Strong acids.

10.6. Hazardous decomposition products

Formed under fire conditions - Carbon oxides, nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.

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Acute toxicity (dermal) : Harmful in contact with skin.
Acute toxicity (inhalation) : Harmful if inhaled.

| PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1) | |
|---|--|
| LD50 oral rat | 891 mg/kg Remarks: Sense Organs and Special Senses (Nose, Eye, Ear and Taste): Eye: Ptosis. Behavioral: Somnolence (general depressed activity). Behavioral: Coma. |
| LD50 dermal rabbit | 1121 mg/kg Remarks: Behavioral: Ataxia. Gastrointestinal: Changes in structure or function of salivary glands. Liver: Other changes. |
| LC50 Inhalation - Rat | 28500 mg/m ³ 1 h; Remarks: Sense Organs and Special Senses (Nose, Eye, Ear and Taste): Eye: Lacrimation. Behavioral: Somnolence (general depressed activity). Lungs, Thorax, or Respiration: Dyspnea. |
| LC50 Inhalation - Rat [ppm] | 5400 ppm/4h |
| ATE US (oral) | 891 mg/kg body weight |
| ATE US (dermal) | 1121 mg/kg body weight |
| ATE US (gases) | 5400 ppmV/4h |
| ATE US (vapors) | 11 mg/l/4h |
| ATE US (dust, mist) | 1.5 mg/l/4h |

Skin corrosion/irritation : Causes skin irritation.
pH: 8.5 at 15.82 g/l at 25 °C (77 °F)
Serious eye damage/irritation : Causes serious eye irritation.
pH: 8.5 at 15.82 g/l at 25 °C (77 °F)

Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

| PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1) | |
|---|---|
| IARC group | 2B - Possibly carcinogenic to humans |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : May cause respiratory irritation. |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Potential Adverse human health effects and symptoms | : Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Dizziness, Tachycardia, Nervousness, Insomnia, Skin disorders, Loss of appetite. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |
| Symptoms/effects after inhalation | : May be harmful if inhaled. Causes respiratory tract irritation. |
| Symptoms/effects after skin contact | : Harmful if absorbed through skin. Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes eye irritation. |
| Symptoms/effects after ingestion | : Harmful if swallowed. |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1) | |
|---|---|
| LC50 - Fish [1] | 93.8 mg/l Pimephales promelas(fathead minnow)- 96 h |
| EC50 - Crustacea [1] | 940 mg/l Daphnia magna(Water flea)- 48 h |

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|---|--|
| EC50 - Other aquatic organisms [1] | 1140 mg/l Daphnia magna(Water flea) - 48 h |
| LC50 - Fish [2] | 26 mg/l Cyprinus carpio (Carp) - 96 h |
| LC50 - Other aquatic organisms [2] | 520 mg/l Daphnia pulex (Water flea) - 48 h |
| ErC50 algae | 0.1 mg/l |
| NOEC chronic algae | 0.01 mg/l |

12.2. Persistence and degradability

| PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1) | |
|---|---------------------------------|
| Persistence and degradability | Aerobic - exposure time: 28 d. |
| BOD (% of ThOD) | 97 % ThOD Readily biodegradable |

12.3. Bioaccumulative potential

| PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1) | |
|---|------|
| Partition coefficient n-octanol/water (Log Pow) | 0.65 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other adverse effects : An environmental hazard cannot be excluded in the event of an unprofessional handling or disposal. Harmful to aquatic life.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Waste materials should be disposed of under conditions which meet Federal, State, and local environmental control regulations.

Product/Packaging disposal recommendations : Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Ecology - waste materials : Dispose of as unused product.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN number

DOT NA No : UN1282

UN-No. (TDG) : Not applicable

UN-No. (IMDG) : 1282

UN-No. (IATA) : 1282

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Pyridine

Proper Shipping Name (TDG) : Not applicable

Proper Shipping Name (IMDG) : PYRIDINE

Proper Shipping Name (IATA) : Pyridine

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14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : 3
Hazard labels (DOT) : 3



TDG

Transport hazard class(es) (TDG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : 3
Hazard labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3
Hazard labels (IATA) : 3



14.4. Packing group

Packing group (DOT) : II
Packing group (TDG) : Not applicable
Packing group (IMDG) : II
Packing group (IATA) : II

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

DOT

UN-No.(DOT) : UN1282
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
TP2 - a. The maximum degree of filling must not exceed the degree of filling determined by the following: (image) Where: tr is the maximum mean bulk temperature during transport, tf is the temperature in degrees celsius of the liquid during filling, and a is the mean coefficient of cubical expansion of the liquid between the mean temperature of the liquid during filling (tf) and the maximum mean bulk temperature during transportation (tr) both in degrees celsius. b. For liquids transported under ambient conditions may be calculated using the formula: (image) Where: d15 and d50 are the densities (in units of mass per unit volume) of the liquid at 15 C (59 F) and 50 C (122 F), respectively.
DOT Packaging Exceptions (49 CFR 173.xxx) : None

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| | |
|--|---|
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 202 |
| DOT Packaging Bulk (49 CFR 173.xxx) | : 242 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 5 L |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 60 L |
| DOT Vessel Stowage Location | : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded. |
| DOT Vessel Stowage Other | : 21 - Segregation same as for flammable liquids, 100 - Stow "away from" flammable solids |

TDG

No data available

IMDG

| | |
|------------------------------------|--|
| Limited quantities (IMDG) | : 1 L |
| Excepted quantities (IMDG) | : E2 |
| Packing instructions (IMDG) | : P001 |
| IBC packing instructions (IMDG) | : IBC02 |
| Tank instructions (IMDG) | : T4 |
| Tank special provisions (IMDG) | : TP2 |
| EmS-No. (Fire) | : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS |
| EmS-No. (Spillage) | : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS |
| Stowage category (IMDG) | : B |
| Stowage and handling (IMDG) | : SW2 |
| Flash point (IMDG) | : 17°C c.c. |
| Properties and observations (IMDG) | : Colourless or slightly yellow liquid with a pungent odour. Flashpoint: 17°C c.c. Explosive limits: 1.8% to 12.4% Miscible with water. Harmful by inhalation. |
| MFAG-No | : 129 |

IATA

| | |
|--|--------|
| PCA Excepted quantities (IATA) | : E2 |
| PCA Limited quantities (IATA) | : Y341 |
| PCA limited quantity max net quantity (IATA) | : 1L |
| PCA packing instructions (IATA) | : 353 |
| PCA max net quantity (IATA) | : 5L |
| CAO packing instructions (IATA) | : 364 |
| CAO max net quantity (IATA) | : 60L |
| ERG code (IATA) | : 3L |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1)

Subject to reporting requirements of United States SARA Section 313

| | |
|-------------------------------------|--|
| CERCLA RQ | 1000 lb |
| SARA Section 311/312 Hazard Classes | Fire hazard Immediate (acute) health hazard |

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

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| Name | CAS-No. | Listing | Commercial status | Flags |
|--------------------------------|----------|---------|-------------------|-------|
| PYRIDINE-D5 "100%" (D, 99.94%) | 110-86-1 | Present | Active | |

15.2. International regulations

CANADA

PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on TECI (Thailand Existing Chemicals Inventory)

15.3. US State regulations

PYRIDINE-D5 "100%" (D, 99.94%) (110-86-1)

| | |
|---|---|
| U.S. - California - Proposition 65 - Carcinogens List | Yes |
| U.S. - California - Proposition 65 - Developmental Toxicity | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | No |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No |
| State or local regulations | U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |

SECTION 16: Other information

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Revision date

: 05/17/2023

Other information

: This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.

| Full text of H-phrases | |
|------------------------|-----------------------------------|
| H225 | Highly flammable liquid and vapor |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |

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| Full text of H-phrases | |
|------------------------|----------------------------------|
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H402 | Harmful to aquatic life |

NFPA health hazard

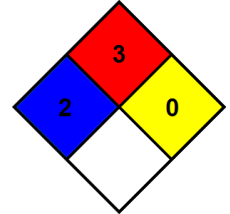
: 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.

NFPA fire hazard

: 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health

: 2 Moderate Hazard - Temporary or minor injury may occur

Flammability

: 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB IC)

Physical

: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.