



# ISOPROPYL ALCOHOL 99%

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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### SECTION 1: Identification

#### 1.1. Identification

Product form : Substance  
Trade name : ISOPROPYL ALCOHOL 99%  
Chemical name : 2-propanol  
CAS-No. : 67-63-0  
Product code : 23400

#### 1.2. Recommended use and restrictions on use

Restrictions on use : Pharmaceutical excipient; Active pharmaceutical ingredient (API) , Direct Food additives

#### 1.3. Supplier

Interstate Chemical Company, Inc.  
2797 Freedland Road  
Hermitage, PA 16148-0210 - United States  
T 800-422-2436 - F (724) 509-1015  
[herm-eh&s@interstatechemical.com](mailto:herm-eh&s@interstatechemical.com) - [www.interstatechemical.com](http://www.interstatechemical.com)  
[herm-eh&s@interstatechemical.com](mailto:herm-eh&s@interstatechemical.com)

#### 1.4. Emergency telephone number

Emergency number : For 24-Hour Emergency Information Call Chemtrec: +1 (800) 424-9300

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Flammable liquids H225 Highly flammable liquid and vapor  
Category 2  
Specific target organ toxicity (single exposure) H336 May cause drowsiness or dizziness  
Category 3

Full text of H statements : see section 16

#### 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  
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US) : 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 mist, spray, vapors  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
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  
P312 - Call a doctor or poison center if you feel unwell  
P370+P378 - In case of fire: Use ABC Fire Extinguisher, alcohol resistant foam, an extinguishing blanket, carbon dioxide (CO2), Water to extinguish  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed

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P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container to a hazardous or special waste collection point, an approved waste disposal plant, Collection point, an industrial incineration plant, and in accordance with local, regional, national, and international regulations, hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Name : ISOPROPYL ALCOHOL 99%

CAS-No. : 67-63-0

| Name       | Product identifier | %  | GHS US classification                                       |
|------------|--------------------|----|-------------------------------------------------------------|
| 2-propanol | (CAS-No.) 67-63-0  | 99 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 |

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 : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.  
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.  
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.  
Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

### 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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Specific hazards arising from the chemical

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

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### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Store away from other materials.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| ISOPROPYL ALCOHOL 99% (67-63-0)            |                           |
|--------------------------------------------|---------------------------|
| USA - ACGIH - Occupational Exposure Limits |                           |
| Local name                                 | 2-Propanol                |
| ACGIH TWA (ppm)                            | 200 ppm                   |
| ACGIH STEL (ppm)                           | 400 ppm                   |
| Remark (ACGIH)                             | Eye & URT irr; CNS impair |
| USA - OSHA - Occupational Exposure Limits  |                           |
| Local name                                 | Isopropyl alcohol         |
| OSHA PEL (TWA) (mg/m³)                     | 980 mg/m³                 |
| OSHA PEL (TWA) (ppm)                       | 400 ppm                   |
| 2-propanol (67-63-0)                       |                           |
| USA - ACGIH - Occupational Exposure Limits |                           |
| Local name                                 | 2-Propanol                |
| ACGIH TWA (ppm)                            | 200 ppm                   |
| ACGIH STEL (ppm)                           | 400 ppm                   |
| Remark (ACGIH)                             | Eye & URT irr; CNS impair |
| USA - OSHA - Occupational Exposure Limits  |                           |
| Local name                                 | Isopropyl alcohol         |
| OSHA PEL (TWA) (mg/m³)                     | 980 mg/m³                 |
| OSHA PEL (TWA) (ppm)                       | 400 ppm                   |

### 8.2. Appropriate engineering controls

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

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Wear protective gloves

### Eye protection:

Chemical goggles or safety glasses

### Respiratory protection:

Wear appropriate mask

### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                 |                                                    |
|-------------------------------------------------|----------------------------------------------------|
| Physical state                                  | : Liquid                                           |
| Appearance                                      | : Clear, colorless liquid.                         |
| Color                                           | : Colorless                                        |
| Odor                                            | : characteristic                                   |
| Odor threshold                                  | : No data available                                |
| pH                                              | : No data available                                |
| Melting point                                   | : No data available                                |
| Freezing point                                  | : No data available                                |
| Boiling point                                   | : 82 °C (1013 hPa)                                 |
| Flash point                                     | : 12 °C                                            |
| Relative evaporation rate (butyl acetate=1)     | : No data available                                |
| Flammability (solid, gas)                       | : Non flammable.                                   |
| Vapor pressure                                  | : No data available                                |
| Relative vapor density at 20 °C                 | : No data available                                |
| Relative density                                | : No data available                                |
| Specific gravity / density                      | : 785 kg/m³                                        |
| Solubility                                      | : No data available                                |
| Partition coefficient n-octanol/water (Log Pow) | : 0.05 (Weight of evidence approach; Other; 25 °C) |
| Auto-ignition temperature                       | : 399 °C                                           |
| Decomposition temperature                       | : No data available                                |
| Viscosity, kinematic                            | : No data available                                |
| Viscosity, dynamic                              | : No data available                                |
| Explosion limits                                | : No data available                                |
| 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

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

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### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### ISOPROPYL ALCOHOL 99% (67-63-0)

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| LD50 dermal rabbit  | 12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit) |
| ATE US (dermal)     | 12870 mg/kg body weight                                                                   |
| ATE US (vapors)     | 73 mg/l/4h                                                                                |
| ATE US (dust, mist) | 73 mg/l/4h                                                                                |

#### 2-propanol (67-63-0)

|                            |                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------|
| LD50 dermal rabbit         | 12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit) |
| LC50 inhalation rat (mg/l) | 73 mg/l/4h (Rat)                                                                          |
| ATE US (dermal)            | 12870 mg/kg body weight                                                                   |
| ATE US (vapors)            | 73 mg/l/4h                                                                                |
| ATE US (dust, mist)        | 73 mg/l/4h                                                                                |

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

#### ISOPROPYL ALCOHOL 99% (67-63-0)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

#### 2-propanol (67-63-0)

|            |                      |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : May cause drowsiness or dizziness.

#### 2-propanol (67-63-0)

|                                                  |                                    |
|--------------------------------------------------|------------------------------------|
| Specific target organ toxicity – single exposure | May cause drowsiness or dizziness. |
|--------------------------------------------------|------------------------------------|

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified  
Viscosity, kinematic : No data available

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### ISOPROPYL ALCOHOL 99% (67-63-0)

|                |                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| LC50 fish 2    | 9640 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value) |
| EC50 Daphnia 2 | 13299 mg/l (EC50; Other; 48 h; Daphnia magna)                                                                                          |

#### 2-propanol (67-63-0)

|                |                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| LC50 fish 2    | 9640 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Pimephales promelas; Flow-through system; Fresh water; Experimental value) |
| EC50 Daphnia 2 | 13299 mg/l (EC50; Other; 48 h; Daphnia magna)                                                                                          |

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### 2-propanol (67-63-0)

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Threshold limit algae 1 | > 1000 mg/l (EC50; UBA; 72 h; Scenedesmus subspicatus) |
|-------------------------|--------------------------------------------------------|

### 12.2. Persistence and degradability

#### ISOPROPYL ALCOHOL 99% (67-63-0)

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

#### 2-propanol (67-63-0)

|                                 |                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability   | Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test) data on mobility of the substance available. |
| Biochemical oxygen demand (BOD) | 1.19 g O <sub>2</sub> /g substance                                                                                                                                      |
| Chemical oxygen demand (COD)    | 2.23 g O <sub>2</sub> /g substance                                                                                                                                      |
| ThOD                            | 2.4 g O <sub>2</sub> /g substance                                                                                                                                       |

### 12.3. Bioaccumulative potential

#### ISOPROPYL ALCOHOL 99% (67-63-0)

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 (Weight of evidence approach; Other; 25 °C) |
|-------------------------------------------------|--------------------------------------------------|

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

#### 2-propanol (67-63-0)

|                                                 |                                                  |
|-------------------------------------------------|--------------------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 (Weight of evidence approach; Other; 25 °C) |
|-------------------------------------------------|--------------------------------------------------|

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |
|---------------------------|--------------------------------------------------|

### 12.4. Mobility in soil

#### 2-propanol (67-63-0)

|                 |                   |
|-----------------|-------------------|
| Surface tension | 0.021 N/m (25 °C) |
|-----------------|-------------------|

### 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| Transport document description | : UN1219 Isopropanol, 3, II                                     |
| UN-No.(DOT)                    | : UN1219                                                        |
| Proper Shipping Name (DOT)     | : Isopropanol                                                   |
| Class (DOT)                    | : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 |
| Packing group (DOT)            | : II - Medium Danger                                            |
| Hazard labels (DOT)            | : 3 - Flammable liquid                                          |



|                                         |       |
|-----------------------------------------|-------|
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 202 |
| DOT Packaging Bulk (49 CFR 173.xxx)     | : 242 |

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|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.<br>T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)<br>TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 4b;150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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.                                                                                                                                                                                                                                  |
| Emergency Response Guide (ERG) Number                            | : 129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Other information                                                | : No supplementary information available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### Transportation of Dangerous Goods

#### Transport by sea

|                                       |                                                              |
|---------------------------------------|--------------------------------------------------------------|
| Transport document description (IMDG) | : UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL), 3, II (12°C c.c.) |
| UN-No. (IMDG)                         | : 1219                                                       |
| Proper Shipping Name (IMDG)           | : ISOPROPANOL (ISOPROPYL ALCOHOL)                            |
| Class (IMDG)                          | : 3 - Flammable liquids                                      |
| Packing group (IMDG)                  | : II - substances presenting medium danger                   |
| Limited quantities (IMDG)             | : 1 L                                                        |

#### Air transport

|                                       |                              |
|---------------------------------------|------------------------------|
| Transport document description (IATA) | : UN 1219 Isopropanol, 3, II |
| UN-No. (IATA)                         | : 1219                       |
| Proper Shipping Name (IATA)           | : Isopropanol                |
| Class (IATA)                          | : 3 - Flammable Liquids      |
| Packing group (IATA)                  | : II - Medium Danger         |

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### ISOPROPYL ALCOHOL 99% (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Subject to reporting requirements of United States SARA Section 313

#### 2-propanol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Subject to reporting requirements of United States SARA Section 313

### 15.2. International regulations

#### CANADA

#### 2-propanol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

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### 15.3. US State regulations

#### ISOPROPYL ALCOHOL 99% (67-63-0)

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| State or local regulations | U.S. - New Jersey - Right to Know Hazardous Substance List |
|----------------------------|------------------------------------------------------------|

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component           | State or local regulations                                                                                 |
|---------------------|------------------------------------------------------------------------------------------------------------|
| 2-propanol(67-63-0) | 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 : 07/14/2020

Other information : None.

Full text of H-phrases:

|      |                                   |
|------|-----------------------------------|
| H225 | Highly flammable liquid and vapor |
| H319 | Causes serious eye irritation     |
| H336 | May cause drowsiness or dizziness |

Abbreviations and acronyms:

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|       |                                                                                                   |
|-------|---------------------------------------------------------------------------------------------------|
| ADN   | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ADR   | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| ATE   | Acute Toxicity Estimate                                                                           |
| BCF   | Bioconcentration factor                                                                           |
| CLP   | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| DMEL  | Derived Minimal Effect level                                                                      |
| DNEL  | Derived-No Effect Level                                                                           |
| DPD   | Dangerous Preparations Directive 1999/45/EC                                                       |
| DSD   | Dangerous Substances Directive 67/548/EEC                                                         |
| EC50  | Median effective concentration                                                                    |
| IARC  | International Agency for Research on Cancer                                                       |
| IATA  | International Air Transport Association                                                           |
| IMDG  | International Maritime Dangerous Goods                                                            |
| LC50  | Median lethal concentration                                                                       |
| LD50  | Median lethal dose                                                                                |
| LOAEL | Lowest Observed Adverse Effect Level                                                              |
| NOAEC | No-Observed Adverse Effect Concentration                                                          |
| NOAEL | No-Observed Adverse Effect Level                                                                  |
| NOEC  | No-Observed Effect Concentration                                                                  |
| OECD  | Organisation for Economic Co-operation and Development                                            |
| PBT   | Persistent Bioaccumulative Toxic                                                                  |
| PNEC  | Predicted No-Effect Concentration                                                                 |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |
| RID   | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |
| SDS   | Safety Data Sheet                                                                                 |
| STP   | Sewage treatment plant                                                                            |
| TLM   | Median Tolerance Limit                                                                            |
| vPvB  | Very Persistent and Very Bioaccumulative                                                          |

NFPA health hazard

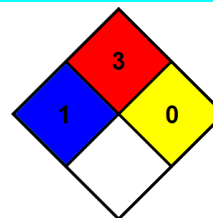
: 1 - Materials that, under emergency conditions, can cause significant irritation.

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.



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### Hazard Rating

- Health : 1 Slight Hazard - Irritation or minor reversible injury possible
- 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.
- Personal protection : D  
D - Face shield and eye protection, Gloves, Synthetic apron

SDS US (GHS HazCom 2012)

*Interstate Chemical Company, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.*