



# X-200

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 3/20/2023 Revision date: 6/20/2025 Supersedes: 3/27/2025 Version: 1.11

### SECTION 1 Identification

#### 1.1. Product identifier

Product name : X-200

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

No additional information available

#### 1.4. Supplier's details

Zip-Chem Products  
400 Jarvis Drive  
Morgan Hill, CA, Santa Clara, 95037  
United States  
T 408-782-2335 - F 408-782-6304  
[zipchem@addevmaterials.com](mailto:zipchem@addevmaterials.com) - [www.zipchem.com](http://www.zipchem.com)

#### 1.5. Emergency phone number

Emergency number : 1-800-424-9300

| Country/Area | Organization/Company | Address | Emergency number | Comment |
|--------------|----------------------|---------|------------------|---------|
| US           | Chemtrec             |         | 1-800-424-9300   |         |

### SECTION 2 Hazard Identification

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

##### GHS US classification

|                                                                   |      |                                                       |                       |
|-------------------------------------------------------------------|------|-------------------------------------------------------|-----------------------|
| Flammable liquid, Category 3                                      | H226 | Flammable liquid and vapor.                           | On basis of test data |
| Skin corrosion/irritation, Category 2                             | H315 | Causes skin irritation.                               | Calculation method    |
| Skin sensitization, Category 1                                    | H317 | May cause an allergic skin reaction.                  | Calculation method    |
| Aspiration hazard, Category 1                                     | H304 | May be fatal if swallowed and enters airways.         | Calculation method    |
| Hazardous to the aquatic environment — Acute Hazard, Category 1   | H400 | Very toxic to aquatic life.                           | Calculation method    |
| Hazardous to the aquatic environment — Chronic Hazard, Category 1 | H410 | Very toxic to aquatic life with long lasting effects. | Calculation method    |

Full text of H statements : see section 16

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### 2.2. Label elements

#### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H226 - Flammable liquid and vapor  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

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 equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves.  
P301+P310 - If swallowed: Immediately call a poison center or doctor.  
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.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P331 - Do NOT induce vomiting.  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media to extinguish.  
P391 - Collect spillage.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name       | Product identifier | %      | GHS US classification                                                                                                                     |
|------------|--------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------|
| D-LIMONENE | CAS-No.: 5989-27-5 | 50-100 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

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

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

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

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6 Accidental release measures

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

#### For non-emergency personnel

Protective equipment : Gloves. Protective clothing. Safety glasses.  
Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

#### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

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Environmental precautions : Avoid release to the environment.

### 6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.  
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.  
Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Ground/bond container and receiving equipment.  
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

|                                   |  |
|-----------------------------------|--|
| <b>Hand protection:</b>           |  |
| Protective gloves                 |  |
| <b>Eye protection:</b>            |  |
| Safety glasses                    |  |
| <b>Skin and body protection:</b>  |  |
| Wear suitable protective clothing |  |

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### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                                                                                                                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical state                                  | : Liquid                                                                                                                                                                                        |
| Appearance                                      | : Liquid.                                                                                                                                                                                       |
| Color                                           | : Colourless                                                                                                                                                                                    |
| Odor                                            | : There may be no odor warning properties, odor is subjective and inadequate to warn of overexposure.<br>Mixture contains one or more component(s) which have the following odor:<br>Mild odour |
| Odor threshold                                  | : No data available                                                                                                                                                                             |
| pH                                              | : No data available                                                                                                                                                                             |
| Melting point                                   | : Not applicable                                                                                                                                                                                |
| Freezing point                                  | : No data available                                                                                                                                                                             |
| Boiling point                                   | : > 170 °C                                                                                                                                                                                      |
| Flash point                                     | : ≈ 48 °C                                                                                                                                                                                       |
| Flammability (solid, gas)                       | : Not applicable.                                                                                                                                                                               |
| Vapor pressure                                  | : ≈ 2 mm Hg                                                                                                                                                                                     |
| Relative vapor density at 20°C                  | : No data available                                                                                                                                                                             |
| Relative density                                | : No data available                                                                                                                                                                             |
| Density                                         | : 0.84 g/ml                                                                                                                                                                                     |
| Solubility                                      | : No data available                                                                                                                                                                             |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                                                                                                                                                                             |
| Auto-ignition temperature                       | : No data available                                                                                                                                                                             |
| Decomposition temperature                       | : No data available                                                                                                                                                                             |
| Viscosity, kinematic                            | : < 10 mm²/s                                                                                                                                                                                    |
| Viscosity, dynamic                              | : < 10 cP                                                                                                                                                                                       |
| Explosion limits                                | : No data available                                                                                                                                                                             |
| Particle characteristics                        | : No data available                                                                                                                                                                             |

### D-LIMONENE

|                          |                   |
|--------------------------|-------------------|
| Particle characteristics | No data available |
|--------------------------|-------------------|

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC Content: 858 g/L (VOC Less Water and Exempt Solvents)

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 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

#### D-LIMONENE (5989-27-5)

|                    |                                                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat      | > 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | > 5000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal, 7 day(s))                             |

Skin corrosion/irritation : Causes skin irritation.  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

#### D-LIMONENE (5989-27-5)

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

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : May be fatal if swallowed and enters airways.

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|                      |                         |
|----------------------|-------------------------|
| Viscosity, kinematic | < 10 mm <sup>2</sup> /s |
|----------------------|-------------------------|

#### D-LIMONENE (5989-27-5)

|                      |                   |
|----------------------|-------------------|
| Viscosity, kinematic | No data available |
|----------------------|-------------------|

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

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### SECTION 12 Ecological information

#### 12.1. Ecotoxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### D-LIMONENE (5989-27-5)

|                      |                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | 720 µg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Measured concentration)             |
| EC50 - Crustacea [1] | 0.31 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, Measured concentration)     |
| ErC50 algae          | 0.32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Measured concentration) |

#### 12.2. Persistence and degradability

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|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

#### D-LIMONENE (5989-27-5)

|                               |                                    |
|-------------------------------|------------------------------------|
| Persistence and degradability | Readily biodegradable in water.    |
| ThOD                          | 3.29 g O <sub>2</sub> /g substance |

#### 12.3. Bioaccumulative potential

#### D-LIMONENE (5989-27-5)

|                                                 |                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------|
| BCF - Fish [1]                                  | 865 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)               |
| Partition coefficient n-octanol/water (Log Kow) | 4.23                                                              |
| Bioaccumulative potential                       | Potential for bioaccumulation ( $4 \leq \text{Log Kow} \leq 5$ ). |

#### 12.4. Mobility in soil

#### D-LIMONENE (5989-27-5)

|                                                            |                                                        |
|------------------------------------------------------------|--------------------------------------------------------|
| Surface tension                                            | No data available in the literature                    |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3 – 3.8 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil                                             | Low potential for mobility in soil.                    |

#### 12.5. Other adverse effects

Fluorinated greenhouse gases :  
: No  
Other information : No other effects known.

### SECTION 13 Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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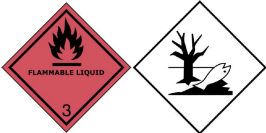
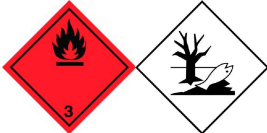
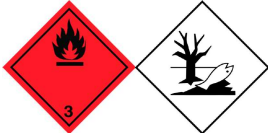
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Additional information : Flammable vapors may accumulate in the container.

### SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

| DOT                                                                                | IMDG                                                                               | IATA                                                                                 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>14.1. UN number</b>                                                             |                                                                                    |                                                                                      |
| 2052                                                                               | 2052                                                                               | 2052                                                                                 |
| <b>14.2. Proper Shipping Name</b>                                                  |                                                                                    |                                                                                      |
| Dipentene                                                                          | Dipentene                                                                          | Dipentene                                                                            |
| <b>Transport document description</b>                                              |                                                                                    |                                                                                      |
| UN 2052, Dipentene, 3, III                                                         | UN 2052, Dipentene, 3, III                                                         | UN 2052, Dipentene, 3, III                                                           |
| <b>14.3. Transport hazard class(es)</b>                                            |                                                                                    |                                                                                      |
| 3                                                                                  | 3                                                                                  | 3                                                                                    |
|  |  |  |
| <b>14.4. Packing group</b>                                                         |                                                                                    |                                                                                      |
| III                                                                                | III                                                                                | III                                                                                  |
| <b>14.5. Environmental hazards</b>                                                 |                                                                                    |                                                                                      |
| Dangerous for the environment: Yes                                                 | Dangerous for the environment: Yes<br>Marine pollutant: Yes                        | Dangerous for the environment: Yes                                                   |
| No supplementary information available                                             |                                                                                    |                                                                                      |

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

UN-No. (DOT) : UN 2052

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|                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DOT Special Provisions (49 CFR 172.102)                          | : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.<br>B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.<br>IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). 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, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).<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.<br>TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP. |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DOT Packaging Non Bulk (49 CFR 173.xxx)                          | : 203                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DOT Packaging Bulk (49 CFR 173.xxx)                              | : 242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 60 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)     | : 220 L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DOT Vessel Stowage Location                                      | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### IMDG

|                                 |                                                                       |
|---------------------------------|-----------------------------------------------------------------------|
| Special provision (IMDG)        | : 223, 274, 955                                                       |
| Limited quantities (IMDG)       | : 5 L                                                                 |
| Excepted quantities (IMDG)      | : E1                                                                  |
| Packing instructions (IMDG)     | : LP01, P001                                                          |
| IBC packing instructions (IMDG) | : IBC03                                                               |
| Tank instructions (IMDG)        | : T4                                                                  |
| Tank special provisions (IMDG)  | : TP1, TP29                                                           |
| EmS-No. (Fire)                  | : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS     |
| EmS-No. (Spillage)              | : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER |
| Stowage category (IMDG)         | : A                                                                   |

### IATA

|                                              |        |
|----------------------------------------------|--------|
| Special provision (IATA)                     | : A3   |
| PCA Excepted quantities (IATA)               | : E1   |
| PCA Limited quantities (IATA)                | : Y344 |
| PCA limited quantity max net quantity (IATA) | : 10L  |
| PCA packing instructions (IATA)              | : 355  |
| PCA max net quantity (IATA)                  | : 60L  |
| CAO packing instructions (IATA)              | : 366  |
| CAO max net quantity (IATA)                  | : 220L |
| ERG code (IATA)                              | : 3L   |

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### SECTION 15 Regulatory information

#### 15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

##### CANADA

##### D-LIMONENE (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

##### EU-Regulations

No additional information available

##### National regulations

##### D-LIMONENE (5989-27-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

#### 15.3. State regulations

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

### SECTION 16 Other information

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Revision date : 6/20/2025

Issue date : 3/20/2023

#### Full text of hazard classes and H-statements

|      |                                                      |
|------|------------------------------------------------------|
| H226 | Flammable liquid and vapor                           |
| H304 | May be fatal if swallowed and enters airways         |
| H315 | Causes skin irritation                               |
| H317 | May cause an allergic skin reaction                  |
| H400 | Very toxic to aquatic life                           |
| H410 | Very toxic to aquatic life with long lasting effects |

#### Indication of changes:

| Section | Changed item                      | Comments        |
|---------|-----------------------------------|-----------------|
|         | Supersedes                        | <b>Added</b>    |
|         | Issue date                        | <b>Added</b>    |
|         | Revision date                     | <b>Modified</b> |
|         | Hazard pictograms (GHS US)        | <b>Modified</b> |
|         | Precautionary statements (GHS US) | <b>Modified</b> |
|         | Hazard statements (GHS US)        | <b>Modified</b> |

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|     |                       |          |
|-----|-----------------------|----------|
| 2.1 | GHS-US classification | Modified |
|-----|-----------------------|----------|

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.