

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## ISOPROPANOL 99% USP

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
| Version | Revision Date: | SDS Number:  | Date of last issue: 07/01/2026  |
| 1.11    | 08/25/2026     | 100000004142 | Date of first issue: 08/01/2014 |

### SECTION 1. IDENTIFICATION

Product Identifier : ISOPROPANOL 99% USP  
Product code : 000000000000106230  
Synonyms : 2-PROPANOL; ISOPROPYL ALCOHOL; IPA ; propan-2-ol  
**Manufacturer or supplier's details**  
**Company** : Univar Solutions USA  
**Address** : 3250 Lacey Rd., Suite 600  
Downers Grove, IL 60515  
United States of America (USA)

#### Emergency telephone number:

Univar Solutions USA:-CHEMTREC: 1-800-424-9300  
CHEMTREC INTERNATIONAL Tel # 703-527-3887

**Additional Information:** : Phone: 1-855-429-2661  
Regulatory Information Number: 1-855-429-2661  
Email: SDSNA@univarsolutions.com

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

Recommended use : Alcohol solvent  
Restrictions on use : This product is not recommended for any industrial, professional or consumer use other than the identified uses above.

### SECTION 2. HAZARD IDENTIFICATION

#### GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

##### Hazards for the product as supplied

Flammable liquids : Category 2  
Eye irritation : Category 2A  
Specific target organ toxicity : Category 3 (Central nervous system)  
- single exposure

##### Other hazards

None known.

##### Hazards associated with a change in physical form:

No data available

##### GHS label elements

Hazard pictograms :



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Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P261 Avoid breathing mist or vapours.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

**Response:**  
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**  
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.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Hazards resulting from a reaction with other chemicals under normal conditions of use:**

No data available

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

**Hazardous components**

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| CAS-No. | Chemical name     | Weight percent | Trade secret |
|---------|-------------------|----------------|--------------|
| 67-63-0 | Isopropyl alcohol | 90 - 100       | -            |

Actual concentration is withheld as a trade secret  
Any concentration shown as a range is due to batch variation.

**Synonyms** : 2-PROPANOL; ISOPROPYL ALCOHOL; IPA ; propan-2-ol

### SECTION 4. FIRST-AID MEASURES

|                                                             |                                                                                                                                                                                                                                   |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                                              | : Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.                                                                                                  |
| If inhaled                                                  | : Consult a physician after significant exposure.<br>If unconscious, place in recovery position and seek medical advice.                                                                                                          |
| In case of skin contact                                     | : If on skin, rinse well with water.<br>If on clothes, remove clothes.                                                                                                                                                            |
| In case of eye contact                                      | : Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.                                     |
| If swallowed                                                | : Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If symptoms persist, call a physician.<br>Do not induce vomiting without medical advice. |
| Most important symptoms and effects, both acute and delayed | : Causes serious eye irritation.<br>May cause drowsiness or dizziness.                                                                                                                                                            |
| Immediate Medical Attention and Special Treatment           | : Treat symptomatically.                                                                                                                                                                                                          |

### SECTION 5. FIRE-FIGHTING MEASURES

|                                       |                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------|
| Suitable extinguishing media          | : Alcohol-resistant foam<br>Carbon dioxide (CO2)<br>Dry chemical<br>Water spray |
| Unsuitable extinguishing media        | : High volume water jet                                                         |
| Specific hazards during fire-fighting | : Do not allow run-off from fire fighting to enter drains or water courses.     |
| Hazardous combustion products         | : Carbon oxides<br>formaldehyde<br>corrosive vapors                             |

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### Nitrogen oxides (NOx)

- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
For safety reasons in case of fire, cans should be stored separately in closed containments.  
Use a water spray to cool fully closed containers.
- Special protective equipment and precautions for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Remove all sources of ignition.  
Evacuate personnel to safe areas.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Use only explosion-proof equipment.  
Keep away from open flames, hot surfaces and sources of ignition.
- Precautions for safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.

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Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : No smoking.  
Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

| CAS-No. | Components        | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis     |
|---------|-------------------|-------------------------------|------------------------------------------------|-----------|
| 67-63-0 | Isopropyl alcohol | TWA                           | 200 ppm                                        | ACGIH     |
|         |                   | STEL                          | 400 ppm                                        | ACGIH     |
|         |                   | TWA                           | 400 ppm<br>980 mg/m3                           | NIOSH REL |
|         |                   | ST                            | 500 ppm<br>1,225 mg/m3                         | NIOSH REL |
|         |                   | TWA                           | 400 ppm<br>980 mg/m3                           | OSHA Z-1  |
|         |                   | TWA                           | 400 ppm<br>980 mg/m3                           | OSHA P0   |
|         |                   | STEL                          | 500 ppm<br>1,225 mg/m3                         | OSHA P0   |

#### Biological occupational exposure limits

| CAS-No. | Components        | Control parameters | Biological specimen | Sampling time                    | Permissible concentration | Basis        |
|---------|-------------------|--------------------|---------------------|----------------------------------|---------------------------|--------------|
| 67-63-0 | Isopropyl alcohol | Acetone            | Urine               | End of shift at end of work-week | 40 mg/l                   | ACGIH<br>BEI |

**Engineering measures** : Use explosion-proof electrical, ventilating and lighting equipment.

#### Personal protective equipment

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided

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by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : liquid  
Colour : Clear, colorless  
Odour : alcohol-like, characteristic  
Odour Threshold : 200 ppm

pH : neutral  
Freezing point (Melting point/range) : -88 °C (-126 °F)  
Boiling point (Boiling point/boiling range) : 82 - 83 °C (180 - 181 °F)  
(1013 hPa)

Flash point : 12 °C (54 °F)  
Method: Tag closed cup

Evaporation rate : < 3.9  
(Butyl Acetate = 1)

Flammability (solid, gas) : No data available  
Upper explosion limit : 13 %(V)

Lower explosion limit : 2 %(V)

Vapour pressure : 30 - 33 mmHg @ 20 °C (68 °F)

Relative vapour density : < 2.1 @ 15 - 20 °C (59 - 68 °F)

Relative density : 0.785 - 0.787 @ 20 - 25 °C (68 - 77 °F)  
Reference substance: (water = 1)

Density : 0.785 - 0.787 g/cm<sup>3</sup> @ 20 °C (68 °F)

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|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| Solubility(ies)                        |                                           |
| Water solubility                       | : completely miscible                     |
| Solubility in other solvents           | : No data available                       |
| Partition coefficient: n-octanol/water | : log Pow: 0.05 @ 25 °C (77 °F)           |
| Auto-ignition temperature              | : No data available                       |
| Thermal decomposition                  | : No data available                       |
| Viscosity                              |                                           |
| Viscosity, dynamic                     | : 2.4 mPa.s @ 20 °C (68 °F)               |
| Viscosity, kinematic                   | : 2.66 mm <sup>2</sup> /s @ 25 °C (77 °F) |
| Particle characteristics               | : No data available                       |

### SECTION 10. STABILITY AND REACTIVITY

|                                    |                                                                                                                      |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | : No dangerous reaction known under conditions of normal use.                                                        |
| Chemical stability                 | : Stable under normal conditions.                                                                                    |
| Possibility of hazardous reactions | : No decomposition if stored and applied as directed.<br>Vapours may form explosive mixture with air.                |
| Conditions to avoid                | : Keep away from heat, flame, sparks and other ignition sources.                                                     |
| Incompatible materials             | : Aldehydes<br>aluminum<br>Amines<br>Bases<br>Halogenated compounds<br>Oxidizing agents<br>Strong acids<br>Peroxides |
| Hazardous decomposition products   | : No hazardous decomposition products are known.                                                                     |

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Not classified due to lack of data.

#### Components:

##### 67-63-0:

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Acute oral toxicity       | : LD50 (Rat): > 5,000 mg/kg                                                                 |
| Acute inhalation toxicity | : LC50 (Rat, male and female): > 10000 ppm<br>Exposure time: 6 h<br>Test atmosphere: vapour |
| Acute dermal toxicity     | : LD50 (Rabbit): > 5,000 mg/kg                                                              |

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### Skin corrosion/irritation

Not classified due to lack of data.

#### Product:

Remarks : May cause skin irritation in susceptible persons.

#### Components:

##### 67-63-0:

Result : Not irritating to skin

### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Product:

Remarks : May cause irreversible eye damage.

#### Components:

##### 67-63-0:

Species : Rabbit  
Result : Irritating to eyes.

### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified due to lack of data.

#### Respiratory sensitisation

Not classified due to lack of data.

#### Germ cell mutagenicity

Not classified due to lack of data.

#### Carcinogenicity

Not classified due to lack of data.

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

Not classified due to lack of data.

#### STOT - single exposure

May cause drowsiness or dizziness.

#### Components:

##### 67-63-0:

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Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

### STOT - repeated exposure

Not classified due to lack of data.

### Aspiration toxicity

Not classified due to lack of data.

### Further information

#### Product:

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.  
Concentrations substantially above the TLV value may cause narcotic effects.  
Solvents may degrease the skin.

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Components:

##### 67-63-0:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 9,640 mg/l  
Exposure time: 96 h

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Other adverse effects

#### Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

- Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.  
For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Univar Solutions ChemCare: 1-800-637-7922
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### IATA-DGR

- UN/ID No. : UN 1219  
Proper shipping name : Isopropanol  
Class : 3  
Packing group : II  
Labels : Flammable Liquids  
Packing instruction (cargo aircraft) : 364  
Packing instruction (passenger aircraft) : 353

##### IMDG-Code

- UN number : UN 1219  
Proper shipping name : ISOPROPANOL  
Class : 3  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-D  
Marine pollutant : no

#### Transport in bulk according to IMO instruments

Not applicable for product as supplied.

#### National Regulations

##### 49 CFR Road

- UN/ID/NA number : UN 1219  
Proper shipping name : Isopropanol  
Class : 3  
Packing group : II  
Labels : FLAMMABLE LIQUID  
ERG Code : 129  
Marine pollutant : no

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### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Flammable (gases, aerosols, liquids, or solids)  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure)

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

|         |                   |                  |
|---------|-------------------|------------------|
| 67-63-0 | Isopropyl alcohol | >= 90 - <= 100 % |
|---------|-------------------|------------------|

### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

|         |                   |                  |
|---------|-------------------|------------------|
| 67-63-0 | Isopropyl alcohol | >= 90 - <= 100 % |
|---------|-------------------|------------------|

### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

### US State Regulations

#### Massachusetts Right To Know

|         |                   |
|---------|-------------------|
| 67-63-0 | Isopropyl alcohol |
|---------|-------------------|

#### Pennsylvania Right To Know

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67-63-0 Isopropyl alcohol

### Maine Chemicals of High Concern

Product does not contain any listed chemicals

### Vermont Chemicals of High Concern

Product does not contain any listed chemicals

### Washington Chemicals of High Concern

Product does not contain any listed chemicals

**California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### California List of Hazardous Substances

67-63-0 Isopropyl alcohol

### California Permissible Exposure Limits for Chemical Contaminants

67-63-0 Isopropyl alcohol

### The components of this product are reported in the following inventories:

|         |                                                          |
|---------|----------------------------------------------------------|
| TSCA    | : All substances listed as active on the TSCA inventory  |
| AIIC    | : On the inventory, or in compliance with the inventory  |
| CA. DSL | : All components of this product are on the Canadian DSL |
| ENCS    | : On the inventory, or in compliance with the inventory  |
| KECI    | : On the inventory, or in compliance with the inventory  |
| PICCS   | : On the inventory, or in compliance with the inventory  |
| IECSC   | : On the inventory, or in compliance with the inventory  |
| NZIoC   | : On the inventory, or in compliance with the inventory  |

### TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

## SECTION 16. OTHER INFORMATION

### Further information

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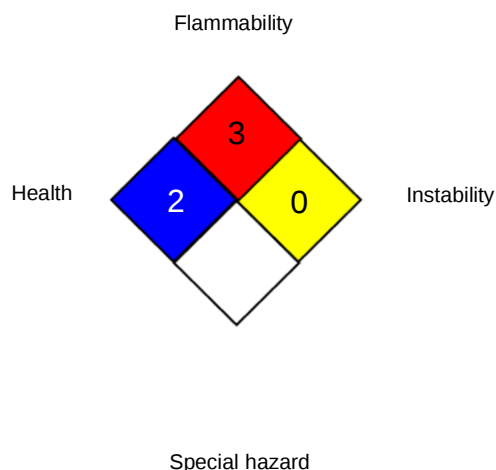
Version  
1.11

Revision Date:  
08/25/2026

SDS Number:  
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### NFPA 704:



### HMIS® IV:

|                 |   |   |
|-----------------|---|---|
| HEALTH          | / | 2 |
| FLAMMABILITY    |   | 3 |
| PHYSICAL HAZARD |   | 0 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "\*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

### Full text of other abbreviations

|                 |   |                                                                                           |
|-----------------|---|-------------------------------------------------------------------------------------------|
| ACGIH           | : | USA. ACGIH Threshold Limit Values (TLV)                                                   |
| ACGIH BEI       | : | ACGIH - Biological Exposure Indices (BEI)                                                 |
| NIOSH REL       | : | USA. NIOSH Recommended Exposure Limits                                                    |
| OSHA P0         | : | USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)                        |
| OSHA Z-1        | : | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants          |
| ACGIH / TWA     | : | 8-hour, time-weighted average                                                             |
| ACGIH / STEL    | : | Short-term exposure limit                                                                 |
| NIOSH REL / TWA | : | Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| NIOSH REL / ST  | : | STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday    |
| OSHA P0 / TWA   | : | 8-hour time weighted average                                                              |
| OSHA P0 / STEL  | : | Short-term exposure limit                                                                 |
| OSHA Z-1 / TWA  | : | 8-hour time weighted average                                                              |

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Indus-

# SAFETY DATA SHEET

according to the OSHA Hazard Communication Standard



## ISOPROPANOL 99% USP

|         |                |              |                                 |
|---------|----------------|--------------|---------------------------------|
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trial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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