

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Isopropyl Acetate 99.98%

**Synonyms:** propan-2-yl acetate, Isopropyl Acetate

**CAS Number:** 108-21-4

**Grade/Purity:** Technical

**Product Type:** Esters

**Product Use:** Industrial, Manufacturing or Laboratory use

**Manufacturer/Supplier:** Alliance Chemical, 204 South Edmond St, Taylor, Texas 76574

**Information:** 512-365-6838 | www.alliancechemical.com

**Emergency:** CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

### 2. HAZARDS IDENTIFICATION

**Signal Word:** Warning

**GHS Pictograms:**



**Hazard Statements:**

|      |                            |
|------|----------------------------|
| H226 | Flammable liquid and vapor |
|------|----------------------------|

**Precautionary Statements:**

|      |  |
|------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed.   |
| P280 | Wear protective gloves and eye protection.   |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT         | % MIN | % MAX | CAS #    | EINECS# / ELINCS# | FORMULA                                       | MOLECULAR WEIGHT |
|-------------------|-------|-------|----------|-------------------|---|------------------|
| Isopropyl Acetate | 99.98 | 99.98 | 108-21-4 | 203-561-1         | C <sub>5</sub> H <sub>10</sub> O <sub>2</sub> | 102.13 g/mol     |

### 4. FIRST-AID MEASURES

|                   |  |
|-------------------|--|
| <b>Eyes</b>       | Rinse with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention immediately.                             |
| <b>Skin</b>       | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash with soap. Get medical attention immediately.                                |
| <b>Inhalation</b> | Move person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately. |
| <b>Ingestion</b>  | Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention immediately.                             |

## 5. FIRE-FIGHTING MEASURES

|                             |  |
|-----------------------------|--|
| <b>Suitable Media</b>       | Alcohol-resistant foam, CO2, dry chemical powder. Water spray may be used to cool fire-exposed containers. |
| <b>Unsuitable Media</b>     | Do not use a solid water stream — may scatter and spread fire.   |
| <b>Protective Equipment</b> | Wear self-contained breathing apparatus and full protective clothing.                                      |
| <b>Combustion Products</b>  | May include carbon oxides and other toxic fumes. See Section 10.   |

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | Use PPE as described in Section 8. Ensure adequate ventilation. Evacuate personnel to safe areas.       |
| <b>Environmental</b>             | Prevent leakage or spillage from entering drains, sewers, or waterways.                                 |
| <b>Containment &amp; Cleanup</b> | Absorb with inert material. Collect in appropriate waste container. Dispose per applicable regulations. |

## 7. HANDLING AND STORAGE

|                      |   |
|----------------------|---|
| <b>Safe Handling</b> | Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use.  |
| <b>Safe Storage</b>  | Store in a cool, dry, well-ventilated area away from heat, sparks, and open flame. Keep away from incompatible materials (see Section 10). Keep containers tightly closed. Ground and bond containers when transferring material. |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use adequate ventilation. Provide eyewash stations and quick-drench showers accessible to areas of use.

**Occupational Exposure Limits:**

No established occupational exposure limits.

|                   |   |
|-------------------|---|
| <b>Eyes</b>       | Wear chemical safety goggles or face shield.  |
| <b>Skin</b>       | Wear chemical-resistant gloves and protective clothing.   |
| <b>Inhalation</b> | Use a NIOSH-approved respirator with organic vapor cartridges. For confined spaces or exposures above the OEL, use supplied-air respiratory protection. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |   |
|----------------------------|---|
| Appearance                 | Colorless, volatile liquid                                    |
| Odor                       | Characteristic  |
| Median Particle Size       | Not Applicable  |
| Particle Size Distribution | Not Applicable  |
| Particle Shape             | Not Applicable  |
| Surface Area               | Not Applicable  |
| Dustiness                  | Not Applicable  |
| Hygroscopicity             | Not Applicable  |
| pH                         | Not Available   |
| Melting Point              | Not Available   |
| Boiling Point              | 88°C (190.4°F)  |
| Flash Point                | 11°C (51.8°F)   |
| Vapor Pressure             | Not Available   |
| Specific Gravity           | Not Available   |
| Solubility                 | Soluble in water, alcohols, ethers, and most organic solvents |
| Molecular Formula          | C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>                 |
| Molecular Weight           | 102.13 g/mol  |

## 10. STABILITY AND REACTIVITY

|                        |   |
|------------------------|---|
| Chemical Stability     | Stable under recommended storage conditions.                                  |
| Hazardous Reactions    | None under normal processing conditions.                                      |
| Conditions to Avoid    | Heat, sparks, open flame, and incompatible materials.                         |
| Incompatible Materials | Strong oxidizing agents, sources of ignition, heat.                           |
| Decomposition Products | May produce carbon oxides and other toxic fumes when heated to decomposition. |

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: See Section 2 for GHS hazard classification.

|      |                           |
|------|---------------------------|
| IARC | Not listed as carcinogen. |
| NTP  | Not listed as carcinogen. |
| OSHA | Not listed as carcinogen. |

## 12. ECOLOGICAL INFORMATION

|                  |   |
|------------------|---|
| Ecotoxicity      | Data not available. Avoid release to the environment. |
| Persistence      | Not Available   |
| Bioaccumulation  | Not Available   |
| Mobility in Soil | Not Available   |

## 13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with applicable federal, state, and local regulations. Do not dispose of into drains or waterways.

#### 14. TRANSPORT INFORMATION

|                  |                                     |
|------------------|-------------------------------------|
| US DOT           | UN1220, Isopropyl acetate, 3, PG II |
| IMDG             | UN1220, Isopropyl acetate, 3, PG II |
| IATA/ICAO        | UN1220, Isopropyl acetate, 3, PG II |
| Marine Pollutant | No                                  |

#### 15. REGULATORY INFORMATION

Regulatory listings not yet on file in this system; consult OSHA, EPA TSCA, EPCRA TRI, and California OEHHA directly.

|              |   |
|--------------|---|
| SARA 311/312 | See Section 2 for hazard classifications. |
|--------------|---|

#### 16. OTHER INFORMATION

**Revision Date:** 05/28/2026

**Disclaimer:** The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of publication. It relates only to the specific product identified and does not relate to its use in combination with other materials. ALLIANCE CHEMICAL MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALLIANCE CHEMICAL DOES NOT ASSUME LIABILITY FOR LOSS, INJURY, DAMAGE, OR EXPENSE ARISING FROM THE HANDLING, STORAGE, USE, OR DISPOSAL OF THIS PRODUCT.