



## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Inhibited Propylene Glycol 40/60 with OAT Inhibitor — Data Center Coolant

**Synonyms:** propane-1,2-diol

**CAS Number:** 57-55-6

**Grade/Purity:** Inhibited

**Product Type:** Glycols

**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](http://www.alliancechemical.com)

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

## 2. HAZARDS IDENTIFICATION

**Signal Word:** Not Classified

**GHS Pictograms:**

None assigned

**Hazard Statements:**

|                |                                                                |
|----------------|----------------------------------------------------------------|
| Not Classified | Not classified as hazardous under GHS based on available data. |
|----------------|----------------------------------------------------------------|

**Precautionary Statements:**

|                |                                                    |
|----------------|----------------------------------------------------|
| Not Classified | No specific GHS precautionary statements required. |
|----------------|----------------------------------------------------|

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT                                                  | % MIN   | % MAX | CAS #       | EINECS# / ELINCS# | FORMULA                                      | MOLECULAR WEIGHT |
|------------------------------------------------------------|---------|-------|-------------|-------------------|----------------------------------------------|------------------|
| Propylene Glycol                                           | 39.5    | 40.5  | 57-55-6     | 200-338-0         | C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> | 76.09 g/mol      |
| Proprietary organic-acid (OAT) corrosion inhibitor package | 0       | 2     | Proprietary |                   | Mixture                                      | Varies           |
| Water                                                      | Balance |       | 7732-18-5   | 231-791-2         | H <sub>2</sub> O                             | 18.02 g/mol      |

## 4. FIRST-AID MEASURES

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eyes       | EYES: First check the victim for contact lenses and remove if present. Flush victim's eyes with water or normal saline solution for 20 to 30 minutes while simultaneously calling a hospital or poison control center. Do not put any ointments, oils, or medication in the victim's eyes without specific instructions from a physician. IMMEDIATELY transport the victim after flushing eyes to a hospital even if no symptoms (such as redness or irritation) develop.                                                                                  |
| Skin       | Remove contaminated clothes. Rinse skin with plenty of water or shower.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Inhalation | INHALATION: IMMEDIATELY leave the contaminated area; take deep breaths of fresh air. If symptoms (such as wheezing, coughing, shortness of breath, or burning in the mouth, throat, or chest) develop, call a physician and be prepared to transport the victim to a hospital. Provide proper respiratory protection to rescuers entering an unknown atmosphere. Whenever possible, Self-Contained Breathing Apparatus (SCBA) should be used; if not available, use a level of protection greater than or equal to that advised under Protective Clothing. |
| Ingestion  | INGESTION: DO NOT INDUCE VOMITING. If the victim is conscious and not convulsing, give 1 or 2 glasses of water to dilute the chemical and IMMEDIATELY call a hospital or poison control center. Be prepared to transport the victim to a hospital if advised by a physician. If the victim is convulsing or unconscious, do not give anything by mouth, ensure that the victim's airway is open and lay the victim                                                                                                                                         |

on his/her side with the head lower than the body. DO NOT INDUCE VOMITING. IMMEDIATELY transport the victim to a hospital. (NTP, 1992)

## 5. FIRE-FIGHTING MEASURES

|                      |                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------|
| Suitable Media       | Use water spray, alcohol-resistant foam, dry chemical, or CO <sub>2</sub> . Use measures appropriate to local circumstances. |
| Unsuitable Media     | Do not use a solid water stream as it may scatter and spread fire.                                                           |
| Protective Equipment | Wear self-contained breathing apparatus and full protective clothing.                                                        |
| Combustion Products  | May include carbon oxides and other toxic fumes. See Section 10.                                                             |

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

|               |                                                                                                                                                    |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe Handling | Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use. |
| Safe Storage  | Store in a cool, dry, well-ventilated area. Keep away from incompatible materials (see Section 10). Keep containers tightly closed.                |

## 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.

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| Eyes       | Wear chemical safety goggles or face shield.                                        |
| Skin       | Wear chemical-resistant gloves and protective clothing.                             |
| Inhalation | Use NIOSH-approved respirator if exposure limits are exceeded or irritation occurs. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                          |                                              |
|--------------------------|----------------------------------------------|
| Appearance               | Clear to pinkish liquid (dyed)               |
| Odor                     | Mild, characteristic                         |
| Particle Characteristics | Not Applicable                               |
| pH                       | 9-10.5                                       |
| Melting Point            | -21 °C (freeze / crystallization onset)      |
| Boiling Point            | ~104 °C                                      |
| Flash Point              | Not flammable (aqueous solution)             |
| Vapor Pressure           | Not Available                                |
| Specific Gravity         | 1.033 (20 °C)                                |
| Solubility               | Miscible with water                          |
| Molecular Formula        | C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> |
| Molecular Weight         | 76.09 g/mol                                  |

## 10. STABILITY AND REACTIVITY

|                     |                                              |
|---------------------|----------------------------------------------|
| Chemical Stability  | Stable under recommended storage conditions. |
| Hazardous Reactions | None under normal processing conditions.     |

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| <b>Conditions to Avoid</b>    | Heat, sparks, open flame, and incompatible materials.                         |
| <b>Incompatible Materials</b> | Strong oxidizing agents, strong acids, strong bases.                          |
| <b>Decomposition Products</b> | May produce carbon oxides and other toxic fumes when heated to decomposition. |

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** See Section 2 for GHS hazard classification.

|             |                           |
|-------------|---------------------------|
| <b>IARC</b> | Not listed as carcinogen. |
| <b>NTP</b>  | Not listed as carcinogen. |
| <b>OSHA</b> | Not listed as carcinogen. |

## 12. ECOLOGICAL INFORMATION

|                         |                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b>      | Algae ErC50: 19000 mg/L (96 h, <i>Selenastrum capricornutum</i> (14-d growth rate)); Daphnia EC50: 43500 mg/L (48 h, <i>Daphnia magna</i> (static)) |
| <b>Persistence</b>      | Not persistent; low soil/sediment adsorption, not expected to volatilize                                                                            |
| <b>Bioaccumulation</b>  | log Kow -0.92                                                                                                                                       |
| <b>Mobility in Soil</b> | Very high mobility in soil (estimated Koc $\approx$ 1)                                                                                              |

## 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

|                         |                                   |
|-------------------------|-----------------------------------|
| <b>US DOT</b>           | Not regulated as dangerous goods. |
| <b>IMDG</b>             | Not regulated as dangerous goods. |
| <b>IATA/ICAO</b>        | Not regulated as dangerous goods. |
| <b>Marine Pollutant</b> | No                                |

## 15. REGULATORY INFORMATION

|                           |                                           |
|---------------------------|-------------------------------------------|
| <b>TSCA Inventory</b>     | Listed.                                   |
| <b>SARA 313 (TRI)</b>     | Not listed.                               |
| <b>California Prop 65</b> | Not listed.                               |
| <b>SARA 311/312</b>       | See Section 2 for hazard classifications. |

Data retrieved as of — TSCA Inventory: 2026-07-30; SARA 313 (TRI): 2026-07-30; California Prop 65: 2026-07-30

## 16. OTHER INFORMATION

**Revision Date:** 07/30/2026

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