

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Inhibited Ethylene Glycol 30/70 with OAT-908 — Data Center Coolant

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

**CAS Number:** 107-21-1

**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:** Warning

**GHS Pictograms:**



**Hazard Statements:**

|      |                                                                   |
|------|-------------------------------------------------------------------|
| H302 | Harmful if swallowed                                              |
| H373 | May cause damage to organs through prolonged or repeated exposure |

**Precautionary Statements:**

|      |                                                                                                                |
|------|----------------------------------------------------------------------------------------------------------------|
| P260 | Do not breathe dust, fume, gas, mist, vapours or spray.                                                        |
| P264 | Wash hands and face thoroughly after handling.                                                                 |
| P270 | Do not eat, drink or smoke when using this product.                                                            |
| P314 | Get medical advice or attention if you feel unwell.                                                            |
| P501 | Dispose of contents and container in accordance with local, regional, national, and international regulations. |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT                                                  | % MIN   | % MAX | CAS #       | EINECS# / ELINCS# | FORMULA                                      | MOLECULAR WEIGHT |
|------------------------------------------------------------|---------|-------|-------------|-------------------|----------------------------------------------|------------------|
| Ethylene Glycol                                            | 29.5    | 30.5  | 107-21-1    | 203-473-3         | C <sub>2</sub> H <sub>6</sub> O <sub>2</sub> | 62.07 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

|             |                                                                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>       | Use water spray, alcohol-resistant foam, dry chemical, or CO2. Use measures appropriate to local circumstances. |
| <b>Unsuitable Media</b>     | Do not use a solid water stream as it 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. 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.

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

Exposure limits sourced from NIOSH Pocket Guide and OSHA 29 CFR 1910.1000. Hazard classification from ECHA Classification and Labelling Inventory (CLP Annex VI).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| <b>Appearance</b>               | Clear to pinkish liquid (dyed)               |
| <b>Odor</b>                     | Mild, characteristic                         |
| <b>Particle Characteristics</b> | Not Applicable                               |
| <b>pH</b>                       | 9-10.5                                       |
| <b>Melting Point</b>            | -14 °C (freeze / crystallization onset)      |
| <b>Boiling Point</b>            | ~103 °C                                      |
| <b>Flash Point</b>              | Not flammable (aqueous solution)             |
| <b>Vapor Pressure</b>           | Not Available                                |
| <b>Specific Gravity</b>         | 1.04 (20 °C)                                 |
| <b>Solubility</b>               | Miscible with water                          |
| <b>Molecular Formula</b>        | C <sub>2</sub> H <sub>6</sub> O <sub>2</sub> |
| <b>Molecular Weight</b>         | 62.07 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, strong acids, strong bases.                          |
| 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      | Daphnia EC50: 10000 mg/L (48 h, Daphnia magna (freshwater, static)) |
| Persistence      | Not persistent; low bioconcentration, not expected to volatilize    |
| Bioaccumulation  | log Kow -1.36                                                       |
| Mobility in Soil | Very high mobility in soil (estimated Koc $\approx$ 0.2)            |

## 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           | Not regulated as dangerous goods.                                                                                                                   |
| IMDG             | Not regulated as dangerous goods.                                                                                                                   |
| IATA/ICAO        | Not regulated as dangerous goods.                                                                                                                   |
| Marine Pollutant | No                                                                                                                                                  |
| Note             | Hazard communication note: Product may meet GHS hazard criteria for workplace handling, while not being regulated as dangerous goods for transport. |

## 15. REGULATORY INFORMATION

|                    |                                           |
|--------------------|-------------------------------------------|
| TSCA Inventory     | Listed.                                   |
| SARA 313 (TRI)     | Listed (de minimis 1.0%).                 |
| California Prop 65 | Listed (developmental).                   |
| SARA 311/312       | See Section 2 for hazard classifications. |

Data retrieved as of — TSCA Inventory: 2026-08-02; SARA 313 (TRI): 2026-08-02; California Prop 65: 2026-08-02

## 16. OTHER INFORMATION

**Revision Date:** 08/25/2026

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