

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Battery Water

Synonyms: oxidane

CAS Number: 7732-18-5

Grade/Purity: Technical

Product Type: Inorganic Compounds

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: Not Classified

GHS Pictograms:

None assigned

Hazard Statements:

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

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| Not Classified | No specific GHS precautionary statements required. |
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3. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT | WEIGHT % | CAS # | EINECS# / ELINCS# | FORMULA | MOLECULAR WEIGHT |
|---------------|-------------------|-----------|-------------------|------------------|------------------|
| Battery Water | See specification | 7732-18-5 | 231-791-2 | H ₂ O | 18.02 g/mol |

4. FIRST-AID MEASURES

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| Eyes | 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. |
| Skin | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash with soap. Get medical attention immediately. |
| Inhalation | 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. |
| Ingestion | 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

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| Suitable Media | Use water spray, alcohol-resistant foam, dry chemical, or CO ₂ . 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

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| 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

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| 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.

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|-------------------|---|
| 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

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|--------------------------|-------------------------|
| Appearance | Clear, colorless liquid |
| Odor | Characteristic |
| pH | Not Available |
| Melting Point | 0°C (32°F) |
| Boiling Point | 100°C (212°F) |
| Flash Point | Not applicable |
| Vapor Pressure | Not Available |
| Specific Gravity | 1.0 |
| Solubility | Soluble in water |
| Molecular Formula | H ₂ O |
| Molecular Weight | 18.02 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.

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

12. ECOLOGICAL INFORMATION

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|-------------------------|---|
| 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 | Not regulated as dangerous goods. |
| IMDG | Not regulated as dangerous goods. |
| IATA/ICAO | Not regulated as dangerous goods. |
| Marine Pollutant | No |

15. REGULATORY INFORMATION

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| TSCA Inventory | All ingredients are listed on the TSCA Active inventory. |
| California Prop 65 | Refer to California Proposition 65 list for current status. |
| SARA 311/312 | See Section 2 for hazard classifications. |
| SARA 313 | Refer to EPA Toxic Release Inventory for current listing status. |

16. OTHER INFORMATION

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