



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

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| Product Name | 7-0-7 |
| Description | Agriculture Use –Fertilizer |

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| Registered company name | EGE Products |
| Address | 450 Cr C Minneola Kansas 67865 |
| Telephone | 620-450-4320 |
| Website | www.egebio.com |

2. HAZARD IDENTIFICATION

GHS Classification

Acute toxicity:

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| Inhalation | If misty condition prevails, may irritate. Large doses of ammonium salts may give diarrhea or diuresis. |
| Ingestion | Low oral toxicity |
| Skin | Low skin irritation potential |
| Eyes | Low eye irritation potential. |

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| GHS Label | |
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| Signal Word | Warning |
| Hazard Statement | Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. |

Precautionary Statements:

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| P261 | Avoid breathing mists or vapors. |
| P262 | Do not get in eyes, on skin, or on clothing. |
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink, or smoke when using this product. |
| P280 | Wear protective gloves, protective clothing, and eye protection. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P341 | If swallowed, call a Poison Center or doctor if you feel unwell. |
| P301+P312 | If in eyes, rinse cautiously with water for several minutes. |
| P305+P351+P338 | Remove contact lenses, if present and easy to do so. Continue rinsing. |

Response:

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| If swallowed | Call a poison control center or doctor if you feel unwell. Rinse mouth. |
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| If on skin | Get medical advice or attention. Call a poison control center or doctor if you feel unwell. Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. |
| If skin irritation occurs | Get medical advice or attention |
| If inhaled | Call a poison control center or doctor if you feel unwell. Remove person to fresh air and keep comfortable for breathing. |
| If in eyes | Get medical advice or attention. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing. |
| If eye irritation persists | Get medical advice or attention. |


3. COMPOSITION / INFORMATION ON INGREDIENTS

| Components | CAS number | Percentage |
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| Liquid Fertilizer Blend | Mixture | 100.0% |

4. FIRST AID MEASURES

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| Eyes | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice if symptoms persist. |
| Skin | Remove contaminated clothing and wash before reuse. Rinse skin with plenty of water for 15-20 minutes. If skin irritation occurs, seek medical attention. Call a poison control center or doctor for treatment advice. |
| Inhaled | Remove person to fresh air and keep comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for treatment advice. |
| Ingestion | Call a poison control center or doctor immediately for treatment advice. Have the person rinse mouth and sip a glass of water if able to do so. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. |

5. FIRE FIGHTING MEASURES

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| Extinguishing Media | Use water spray, dry chemical, foam, or carbon dioxide. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. When heated, it may give off ammonia fumes (this material is a fire retardant.) |
| Fire Extinguishing Procedures | Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing the risk of injury. Empty containers may contain residue product and can be dangerous. Use water spray/fog for cooling containers and firefighters. Notify proper authorities if liquid material enters the sewer or public waters. |
| Fire Fighting Equipment | Due to possible evolution of ammonia, wear self-contained breathing apparatus approved by NIOSH. Use water spray to keep containers cool. |
| NFPA Hazard Rating |  |

6. ACCIDENTAL RELEASE MEASURES

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| Spill and Leak Response | Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel. |
| Personal Protective Equipment | Use impermeable gloves, goggles, face shield, and appropriate body protection. See section 8. |
| Environmental Precautions | Stop spill at source. Keep from entering storm sewers and ditches which lead to waterways and if necessary, call the local fire or police department for immediate assistance. |
| Containment and Cleanup | Absorb spilled liquid with polypads or other absorbent materials. Clean up with non-combustible absorbent (such as sand, soil.) Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal. |

7. HANDLING AND STORAGE

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| Handling | Avoid breathing mists if any should form. Minimize contact of liquid with eye, skin, and clothing. Use good personal hygiene and housekeeping. |
| Storage | Avoid using containers, pipes and fittings made of aluminum, mild steel, zinc-clad or copper bearing alloys. Storage Temp: 40 F to 100 F. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Engineering Controls | Facilities storing or utilizing this material should be equipped with an eyewash station and safety shower. |
| Ventilation System | A system of local and/or general exhaust may be necessary to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred. |
| Respiratory Protection | For most conditions, no respiratory protection should be needed; however use NIOSH/MSHA approved organic vapor respirator as needed |
| Eye Protection | Wear OSHA standard chemical splash goggles. |
| Skin Protection | For brief contact, no precautions other than clean body-covering clothing should be needed. Use impervious gloves such as neoprene. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Liquid |
| Odor | Odorless |
| pH | 6 - 8 |
| Freeze / Melting Point | 15 F |
| Boiling Point / Range | Not determined |
| Density (lb/gal) | 10.24 |
| Flash Point | Not determined |
| Color | Not determined |
| Solubility in Water | Miscible |
| Viscosity | Not determined |
| Odor Threshold | Not determined |
| Evaporation Rate | Not determined |
| Upper / Lower Flammability Limits | Not determined |
| Vapor Pressure | Not determined |
| Vapor Density | Not determined |
| Partition Coefficient | Not determined |
| Auto-Ignition Point | Not determined |
| Decomposition Temperature | Not determined |

10. STABILITY AND REACTIVITY

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| Chemical Stability | Stable at ambient temperatures and atmospheric pressure. |
| Conditions to Avoid | Strong extreme temperature changes. Strong oxidizing agents. |
| Incompatibilities | Avoid mixing with materials containing calcium and magnesium as these will form fallout after a short period of time. Always perform a jar test to determine compatibility. |
| Hazardous Decomposition | Combustion may yield carbon monoxide, carbon dioxide, and other hazardous gases. |
| Hazardous Polymerization | Will not occur. |

11. TOXICOLOGY INFORMATION

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| Acute: | Based on product components | | |
| | Oral LD50 | Rat | > 2,000 mg/kg |
| | Dermal LD50 | Rabbit | > 16,900 mg/kg |
| Eye | Product is normally non-irritating but, may cause redness, tearing, and mild irritation | | |
| Skin | Product is normally non-irritating, but may cause more severe irritation such as local redness and swelling with prolonged exposure | | |
| Inhalation | May irritate the respiratory tract and cause discomfort to nose and throat if exposed to mist. | | |
| Ingestion | Low toxicity but large quantities may cause abdominal irritation, nausea, vomiting and diarrhea. Do not taste or swallow product. | | |
| Chronic exposure | No data available | | |
| Specific target organ toxicity | Single exposure – no data available | | |
| Specific target organ toxicity | Repeated exposure – no data available | | |
| Germ Cell Mutagenicity | No data available | | |
| Reproductivity Toxicity | Suspected of damaging fertility or the unborn child. | | |
| Aspiration hazard | No data available | | |

12. ECOLOGICAL INFORMATION

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| Aquatic: | Based on product components | | | |
| | Fish | LC50 | Fish. | 128 mg/l, 96 hours estimated |
| | Fish | LC50 | Western mosquitofish | 15 mg/l, 96 hours estimated |
| | Fish | LC50 | Bluegill | 623-985 mg/l, 96 hours estimated |
| | Algae | LC50 | Algae | 87-100 mg/l, 96 hours estimated |

13. DISPOSAL CONSIDERATIONS

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| Disposal Method | Do not contaminate water, food, or feed by disposal. |
| Product Disposal | Disposal of contents / container must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules.) |
| Empty Containers | Empty containers must be handled properly due to product residue. |

14. TRANSPORTATION INFORMATION

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| Shipping Description: | Not regulated for ground transportation by US DOT. |
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15. REGULATORY INFORMATION

SARA TITLE III

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| 311/312 Hazard Categories | None |
| 313 Reportable Ingredients | None |
| 302/304 Emergency planning | Not listed |

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| OSHA Status | Classified as not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. |
| TSCA Status | Components either exempt or listed on TSCA inventory. |

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| CERCLA | Not Reportable. |
| RCRA Status | If discarded in its purest form, this product would not be a hazard waste either by listing or characteristic. However under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste |
| California Proposition 65 | This product can expose you to chemicals including arsenic, cadmium, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. |

16. OTHER INFORMATION

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| Revision Date | 4/22/24 |
| Initial Date | 4/22/24 |

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.