

Safety Data Sheet

SECTION 1. IDENTIFICATION

Product Identifier	Elite 91 Clones
Other Means of Identification	None
Recommended Use	Fertilizer and Blending Applications
Restrictions on Use	None Known
Supplier Identifier	Elite 91 Ideal Plant Nutrients 41147 Coolidge circle, Murrieta CA, 92562
Emergency Phone Number	951-553-4929 Monday to Friday 9 am to 4 pm PST 24-hour Poison Control Center: (800) 222-1222 24-hour HAZMAT Emergency Response: (888) 255-3924

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Label Elements	None
Signal Word	None
Hazard Statements	Do not ingest. Do not inhale. Keep out of reach of children. May cause serious eye irritation. May cause skin sensitization with susceptible individuals. Harmful if swallowed. Acute Oral Toxicity Category 4 Skin Irritation Category 2 Eye Irritation Category 2B
Precautionary Statements	
Prevention	Follow standard safe work practices, including use of protective gloves and safety glasses.
Response	If in eyes rinse with water for several minutes. If eye irritation persists seek medical attention. If swallowed, call a poison center/doctor if you feel unwell. If on skin, wash with soap and water.
Storage	Store in original container and out of reach of children.
Disposal	Dispose of contents and container in accordance with local, regional, and national regulations.
Other Hazards	None known

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Other Identifier
Mono Potassium Phosphate	7778-77-0	Mono Potassium Phosphate

SECTION 4. FIRST AID MEASURES

Following Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

Following Skin Contact: Flush skin with water, wash with soap and water. If irritation occurs, get medical attention.

Following Eye Contact: Flush with water for 15 minutes. If irritation persists seek medical advice.

Following Ingestion: Rinse mouth with water. For heavy ingestion of material, consult a health care professional.

Most Important Symptoms and Effects, Acute and Delayed

None known

Immediate Medical Attention and Special Treatment

None known

SECTION 5. FIRE FIGHTING MEASURES

Extinguishing Media: CO₂, dry chemical, foam

Specific Hazards Arising from the Product

None known

Special Protective Equipment and Precautions for Fire Fighters: Procedures for an oil fire should be utilized. Use self-contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Use standard safe work procedures, including the use of safety glasses and protective gloves. Eliminate ignition sources and ventilate area. Absorb spillage with inert absorbent material. Use proper personal protective equipment for clean-up.

Environmental Precautions

No known effects. Dispose of product and packaging in accordance with local, regional, and national regulations. Treat contaminated absorbent same as spilled.

Methods and Material for Containment and Clean Up

No specialized clothing or material required. Contain spill and dispose of material in accordance with local, regional, and national regulations.

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SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Use standard safe work procedures, including the use of safety glasses and protective gloves. Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Ground all handling equipment to prevent sparking. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.

Work/Hygienic Practices: Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using the toilet. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles such as shoes or belts that cannot be decontaminated. Contaminated leather articles including shoes cannot be decontaminated and should be destroyed to prevent reuse.

Conditions for Safe Storage

Store in original container, in a cool, dry place and protect from freezing. Keep container closed when not in use. Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupation Exposure Limits

None known.

Appropriate Engineering Controls

Not required.

Individual Protection Measures

Eye/Face Protection: Safety glasses or goggles recommended. Have suitable eye wash available.

Skin Protection: Protective gloves recommended. Use protective clothing that is chemically resistant to this product. Acceptable materials for gloves and aprons are: neoprene, nitrile rubber or viton.

Respiratory Protection: If deemed necessary, a respirator can be used. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

Work Practices: Use standard safe work procedures.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green liquid
Odor	Plant food smell
Odor Threshold	Not available
pH	5-7
Melting/Freezing Point	Freezing point estimated at 0°C/32°F
Initial Boil Point/Range	Boiling point estimated at 100°C/212°F
Flash Point	Not applicable
Evaporation Rate	Not available
Flammability (Solid, Gas)	Non-flammable
Upper/Lower Flammability or Exposure Limits	Not applicable
Vapor Pressure	Not available
Vapor Density (air=1)	Not available
Relative Density (water=1)	Not available

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Solubility	100%
Partition Coefficient, n-octanol/ Water (Log/Kow)	Not available
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Not available
Viscosity	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

This product is stable and non-reactive under normal conditions of storage, use and transport.

Chemical Stability

This product is stable and non-reactive under normal conditions of storage, use and transport.

Possibility of Hazardous Reactions

None expected under normal conditions of storage, use and transport.

Conditions to Avoid

Temperatures below freezing (0°C/32°F).

Incompatible Materials

None known.

Hazardous Decomposition Products

Under normal conditions hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, skin, eyes and ingestion.

Potential Health Effects:

Eye Effects: This mixture can cause irritation, redness, burns and tissue destruction.

Skin Effects: Irritant. This mixture may cause inflammation, significant irritation and sensitization in susceptible individuals.

Oral Effects: Harmful if swallowed. Gastrointestinal tract irritation, nausea and vomiting if mixture is swallowed.

Inhalation Effects: May cause respiratory tract irritation.

Chronic Health Effects: No data available to indicate product or components present at greater than 1% are chronic health hazards.

Mutagenicity: Negative

Carcinogenicity: No Data Available

Reproductive Effects: Negative.

Teratogenicity: Negative.

Sensitization: No Data Available

Toxicological Data: Not Determined

SECTION 12. ECOLOGICAL INFORMATION

Eco Toxicity

None known.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

This product is water soluble and may disperse in soil.

Other Adverse Effects

None known.

