

Dr. Altan's Polymers Super Absorbent Sodium Polyacrylate Fine Powder
(8 oz, 15 oz, 2 lb, 5 lb, 10 lb and 50 lb)
Superabsorbent Polymer — Sodium Polyacrylate

1. Identification

Product Name	Dr. Altan's Polymers Super Absorbent Sodium Polyacrylate Fine Powder (8 oz, 15 oz, 2 lb, 5 lb, 10 lb and 50lb)
Product Code	SAP
CAS Number	9003-04-7
Chemical Name	2-Propenoic acid, homopolymer, sodium salt
Recommended Use	Superabsorbent application / Environmental use
Restrictions	No uses other than those identified are advised.

Distributor / Seller Information

Company Name	AntePLY LLC
Address	6645 W Charles Ct, Franklin, WI 53132
Telephone	737-326-4135
Email	info@antePLY.com
Emergency Phone	737-326-4135

2. Hazard(s) Identification

GHS/OSHA Classification

Physical Hazards	Not classified.
Health Hazards	Not classified.
Environmental Hazards	Not classified.
OSHA Defined Hazard	Combustible Dust

Label Elements

Hazard Symbol	None (no GHS pictogram required)
Signal Word	WARNING
Hazard Statement	H May form combustible dust concentrations in air.

Precautionary Statements

- P210 — Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- P233 — Keep the container tightly closed.
- P240 — Ground/bond container and receiving equipment.

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- P362+P364 — Remove contaminated clothing and wash before reuse.
- P370+P378 — In case of fire: use appropriate extinguishing media.

3. Composition / Information on Ingredients

Chemical Name	Common Name / Synonym	CAS Number	%
2-Propenoic acid, homopolymer, sodium salt	Sodium Polyacrylate	9003-04-7	90–100

4. First-Aid Measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin Contact	Wash with soap and water. Seek medical attention if irritation persists.
Eye Contact	Do not rub eyes. Rinse thoroughly with water. Seek medical attention if irritation persists.
Ingestion	Rinse mouth. Seek medical attention if symptoms occur.
Key Symptoms	Dust may irritate the respiratory tract, skin, and eyes.
Medical Treatment	Treat symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media	Water fog, foam, dry chemical powder, or carbon dioxide (CO ₂). Apply carefully to avoid creating airborne dust.
Unsuitable Extinguishing Media	Do not use water jet — it will spread the fire.
Specific Hazards	Fine dust dispersed in air in sufficient concentration near an ignition source may cause a dust explosion. Hazardous gases may form during fire.
Protective Equipment	Self-contained breathing apparatus (SCBA) and full protective clothing required for firefighters.
General Fire Hazard	May form combustible dust concentrations in air.

6. Accidental Release Measures

Personal Precautions	Keep unnecessary personnel away. Stay upwind of the spill. Use only non-sparking tools. Eliminate all ignition sources. Take precautions against static discharge.
Environmental Precautions	Avoid discharge into drains, waterways, or onto the ground.
Containment & Cleanup	Do not use compressed air to clean surfaces. Avoid dispersing dust into the air. Collect material and place in sealed containers for disposal.

7. Handling and Storage

Safe Handling	Minimize dust generation and accumulation. Avoid significant deposits on horizontal surfaces. Maintain routine housekeeping. Use only non-sparking tools.
Safe Storage	Keep containers tightly closed in a dry, cool, well-ventilated place. Store away from strong oxidizing agents.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits	No established PEL or TLV for this substance.
Engineering Controls	Use explosion-proof general and local exhaust ventilation. Process enclosures or local exhaust recommended to keep airborne concentrations low.
Eye / Face Protection	Safety glasses with side shields or chemical goggles.
Hand Protection	Chemical-resistant gloves.
Body Protection	Suitable protective clothing.
Respiratory Protection	If ventilation controls are insufficient, use a NIOSH-approved respirator.
Hygiene	Do not eat, drink, or smoke when using. Wash hands thoroughly after handling.

9. Physical and Chemical Properties

Appearance / Form	White powder, solid in 2, 4, 8 or 16 oz bags.
Odor	Odorless
pH (estimated)	~6
Molecular Formula	C ₃ H ₄ O ₂ (repeat unit)
Density (estimated)	0.60 g/cm ³
Melting Point (estimated)	>198.9 °C (>390 °F)
Vapor Pressure (estimated)	<13 hPa
Flash Point	Not available
Flammability (solid)	Not available
Explosive Properties	Not explosive; dust may form explosive mixture in air
Oxidizing Properties	Not oxidizing
Solubility in Water	Absorbs water (superabsorbent); does not dissolve

10. Stability and Reactivity

Reactivity	Stable and non-reactive under normal conditions.
Chemical Stability	Stable under normal conditions.
Hazardous Reactions	None known under normal use.
Conditions to Avoid	Heat, sparks, open flames, and excessive dust generation.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition	None known.

11. Toxicological Information

Inhalation	Dust may irritate the respiratory system.
Skin Contact	Dust or powder may cause temporary irritation with prolonged contact.
Eye Contact	Direct contact may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Acute Toxicity	No data available.
Carcinogenicity	Not listed by IARC, NTP, or OSHA. Not classifiable as carcinogenic to humans.
Reproductive Toxicity	Not expected to cause reproductive or developmental effects.
Mutagenicity	No data indicates mutagenic or genotoxic activity.
Sensitization	Not a respiratory sensitizer. Not expected to cause skin sensitization.
Aspiration Hazard	Not an aspiration hazard.

12. Ecological Information

Ecotoxicity	Not classified as environmentally hazardous. Large or frequent spills may have environmental impact.
Persistence / Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility in Soil	No data available.
Other Adverse Effects	No known ozone depletion, photochemical ozone creation, endocrine disruption, or global warming potential.

13. Disposal Considerations

Disposal Instructions	Collect and reclaim or dispose of in sealed containers at a licensed waste disposal site in accordance with all applicable local, state, and federal regulations.
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Contaminated Packaging	Empty containers may retain residue. Follow label warnings. Take empty containers to an approved recycling or disposal facility.
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14. Transport Information

DOT (US)	Not regulated as dangerous goods.
IATA (Air)	Not regulated as dangerous goods.
IMDG (Sea)	Not regulated as dangerous goods.

15. Regulatory Information

US Federal Regulations

OSHA HazCom 2012	This product is a Hazardous Chemical as defined by 29 CFR 1910.1200.
SARA 311/312 Hazard Category	Combustible Dust — Yes
SARA 313 (TRI)	Not regulated.
CERCLA (40 CFR 302.4)	Not listed.
TSCA Section 12(b)	Not regulated.
Clean Air Act (CAA) HAPs	Not regulated.
Safe Drinking Water Act	Not regulated.

US State Regulations

California Proposition 65	This product is not known to contain chemicals listed as carcinogens or reproductive toxins under Prop 65.
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International Inventories

Country/Region	Inventory Name	Listed
USA / Puerto Rico	TSCA Inventory	Yes

16. Other Information

Issue Date	03-27-2026
Revision Date	03-27-2026
Version	01

HMIS® Ratings

Category	Rating (0–4)
Health	0
Flammability	2
Physical Hazard	0

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NFPA Ratings

Category	Rating (0–4)
Health	0
Flammability	2
Instability	0

Disclaimer: The information provided in this Safety Data Sheet is based on data believed to be accurate at the date of issue. It is intended as guidance for safe use, storage, and handling. Users are responsible for ensuring compliance with all applicable regulations.