

Safety Data Sheet

Product No. 813-520, 813-522 PELCO® Acrylimet Powder , PELCO® Black Acrylimet Powder

Issue Date (10-21-15)

Review Date (10-15-18)

Section 1: Product and Company Identification

Product Name: PELCO® Acrylimet Powder , PELCO® Black Acrylimet Powder

Synonym: None

Company Name

Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day

CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification

GHS Pictograms:



Irritant

SIGNAL WORD: Warning

GHS Categories: Skin sensitization Category 1

Hazard statements

H317 May cause an allergic skin reaction

Precautionary Statements – Prevention

P261 Avoid breathing dust, fumes, gas, mist, vapors or spray.

P264 Wash hands and exposed skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves.

Precautionary Statements – Response

P302+P352 IF ON SKIN: Wash with soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Precautionary Statements – Disposal

P501 Dispose of contents / container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC): NA

Health Effects:

HMIS Hazard Rating: Health: 1; Flammability: 1; Physical Hazards : 0

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment:

PBT: ND

vPvB: ND

Emergency overview

Appearance: Fine, white or pigmented Powder. Odor is faint

Immediate effects:

Potential health effects

Primary Routes of entry:

Signs and Symptoms of Overexposure:

Eyes: Direct contact with eyes may cause temporary irritation.

Skin: Skin contact may aggravate an existing dermatitis.

Ingestion: Ingestion Large amounts may cause nausea, headache, vomiting or diarrhea.

Inhalation: Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties.

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen: Not classifiable as a human carcinogen (IARC group 3)

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP	IARC	OSHA regulated
Polymer (9003-42-3) Trade Secret*	< 99	ND	ND	ND	ND	ND
Benzoyl peroxide (94-36-0)	< 2	TWA: 5 mg/m3 TWA: 5 mg/m3 (vacated)	TWA: 5 mg/m3	No	No	No

Benzoyl peroxide (94-36-0): IDLH: 1500 mg/m3

*Specific chemical weight has been withheld as a trade secret.

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, get medical advice / attention

Skin Contact: Wash with soap and water. If irritation persists, call a physician. Take off contaminated clothing and wash before reuse.

Inhalation: Remove to fresh air. Keep at rest in a position comfortable for breathing, Get medical attention if discomfort persists.

Ingestion: Do NOT induce vomiting. Drink plenty of water or milk immediately. If vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately and provide an estimate of when and how much material was ingested.

Note to physician

Treatment: Treat symptomatically.

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: 303°C / 577°F

Flammable Limits: NA

Auto-ignition point: ND

Fire Extinguishing Media: Water, carbon dioxide (CO₂), dry chemical

Special Fire Fighting Procedures: Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust in air producing a fire hazard and possible explosion hazard if exposed to ignition source.

Self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: For bulk size: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.

Hazardous combustion products:

DOT Class: None

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Use personal protective equipment as required.

Remove any contaminated clothing and wash thoroughly before reuse.

Method for clean-up: Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Clean up in accordance with all applicable regulations. Wash all affected areas with plenty of warm water

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage: Use only in well-ventilated areas. Avoid contact with skin, eyes or clothing. Avoid breathing dust or fume. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Keep in original container

Storage Conditions: Keep containers tightly closed to prevent water absorption and contamination. Store in a dry, cool and well-ventilated place away from direct sunlight or other sources of light or intense heat.

Storage temperature: Preferable storage temperature not to exceed 35°C.

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Apply technical measures to comply with the occupational exposure limits. When working with large quantities of product, provide adequate ventilation (e.g. local exhaust ventilation, fans).

Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

Personal Protection Equipment

Respiratory protection: No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its provinces, EC member states or Australia. VENTILATION: Local exhaust at processing equipment.

Protective gloves: Wear protect gloves.

Skin protection: If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to US OSHA 29 CFR SS1910.138 or the appropriate standards of Canada or the EC member states.

Eye protection: Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to US OSHA 29 CFR SS1910.133, Canadian standards or the European Standard EN 166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Additional clothing and/or equipment: Handle in accordance with good industrial hygiene and safety practice.

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Fine White Powder

Odor (threshold): Faint

Specific Gravity (H₂O=1): ND

Vapor Pressure (mm Hg): ND

Vapor Density (air=1): ND

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND

Boiling Point: ND

Freezing point / melting point: NE

pH: NE

Solubility in Water: Insoluble

Molecular Weight: NA

Section 10: Stability and Reactivity

Stability: Not reactive under normal conditions.

Conditions to Avoid: Heating above 240°C / 464°F

Materials to Avoid (Incompatibility): Strong oxidizing agents

Hazardous Decomposition Products: Methacrylate monomer, oxides of carbon when burned

Hazardous Polymerization: Does not occur.

Section 11: Toxicological Information

Product information This product has not been tested on animals to obtain toxicology data.

Results of component toxicity test performed:

Benzoyl peroxide, 94-36-0, ORAL LD50: 6400 mg/kg (rat)

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 6250 mg/kg

Human experience: Not classifiable as a human carcinogen (IARC group 3)

This product **does not** contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information

Ecological Information:

Ecotoxicity There is no specific data available for this product; however, very large releases may be harmful or fatal to overexposed aquatic life.

Persistence and degradability: Not determined

Bioaccumulation: Not determined

Mobility: Not determined

Other adverse effects: Not determined

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification:

Chemical Name	California Hazardous Waste Status
Benzoyl peroxide, 94-36-0	6400 mg/kg (rat)
Benzoyl peroxide, 94-36-0	Toxic, Ignitable, Reactive

Contaminated Packaging: For bulk only: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with federal, state and local regulations.

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

US DOT Information: Not regulated

IATA: Not regulated

IMO: Not regulated

Marine Pollutant: No

Canadian TDG: Not regulated

Section 15: Regulatory Information

United States Federal Regulations

MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA: Section 313:

Chemical Name	CAS	Weight %	SARA 313 - Threshold Values %
Benzoyl peroxide	94-36-0	1	1.0

SARA Title III:

RCRA: NIF

TSCA: For use in FDA regulated products only United States Toxic Substances Control Act, Section 8(b) Inventory

CERCLA: NIF

State Regulations

California Proposition 65: None Listed

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Benzoyl peroxide 94-36-0	X	X	X

International Regulations

Canada WHMIS: DSL Listed Canadian Domestic Substances

Europe EINECS Numbers: ND

EU Regulations EC No. 1272/2008 (CLP) Classification, Labeling, Packaging

Section 16: Other Information

Label Information: See Section 2

European Risk and Safety Phrases: NIF

European symbols needed: NIF

Canadian WHMIS Symbols: NIF

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.