



Material Safety Data Sheet

Product No. 18709 Cresyl Violet Acetate, Certified

Issue Date (10-04-11)

Review Date (06-01-12)

Section 1: Product and Company Identification

Product Name: Cresyl Violet Acetate

Synonym: Cresyl Violet Acetate, 9-Amino-5-imino-5H-benzo(a)phenoxazine acetate salt

Company Name

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

Domestic Phone (800) 247-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

International Phone (01) (530) 243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Chemtrec Emergency Number 1-800-424-9300 24 hrs a day.

Section 2: Composition / Information on Ingredients

Principle Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP	IARC	OSHA regulated
Cresyl Violet Acetate (10510-54-0)	~70	NE	NE	ND	ND	ND

Section 3: Hazard Identification

Emergency overview

Appearance: Green crystalline solid.

Immediate effects: The toxicological properties of this material have not been investigated. Exercise appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

Potential health effects

Primary Routes of entry: Inhalation, ingestion and skin contact

Signs and Symptoms of Overexposure: ND

Eyes: Causes eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: Causes respiratory tract irritation.

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen: ND

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Immediately flush eyes with plenty of water for at least 15 minutes.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes.

Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

Destroy or thoroughly clean contaminated shoes.

Inhalation: Remove to fresh air. Treat symptomatically. If symptoms are present get medical attention.

Ingestion: If swallowed, call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel or a poison control center. Never give anything by mouth to an unconscious person.

Note to physician

Treatment: NIF

Medical Conditions generally Aggravated by Exposure: NIF

Section 5: Fire Fighting Measures

Flash Point: >146 deg C (>294.80 deg F)

Decomposition Temperature: 146 deg C

Flammable Limits: NE

Auto-ignition point: NE

Fire Extinguishing Media: Water spray, dry chemical, carbon dioxide.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire exposed containers cool.

Unusual Fire and Explosion Hazards: Fire or excessive heat may produce hazardous decomposition products. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

Hazardous combustion products: Carbon dioxide, carbon monoxide, and oxides of nitrogen.

DOT Class: Not regulated.

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Sweep up material and package for safe disposal.

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: Exercise caution if heating in a closed vessel.

Storage temperature: Store in a cool place.

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Used process enclosures, local exhaust ventilation or other engineering controls to reduce dust concentrations to an acceptable level.

Personal Protection Equipment

Respiratory protection: NIOSH approve dust respirator, if used assure compliance with OSHA Standard 29 CFR 1910-134.

Protective gloves: Wear gloves.

Skin protection: Wear protective clothing.

Eye protection: Wear safety glasses, goggles, or a face shield should be worn.

Additional clothing and/or equipment: ND

Exposure Guidelines

See Composition/Information on Ingredients (Section2)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Green crystalline solid powder.

Odor (threshold): ND

Specific Gravity (H₂O=1): ND

Vapor Pressure (mm Hg): Negligible

Vapor Density (air=1): ND

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): Negligible

Boiling Point: ND

Freezing point / melting point: 143-143 deg C

Decomposition Temperature: 146 deg C

pH: ND

Solubility in Water: 1 mg/ml

Molecular Weight: 321.34

Molecular Formula: C₁₈H₁₅N₃O₃

Section 10: Stability and Reactivity

Stability: Stable. Exothermally decomposes upon melting, 135°C.

Conditions to Avoid: Avoid temperatures above 35°C.

Materials to Avoid (Incompatibility): Strong oxidizers.

Hazardous Decomposition Products: Combustion will produce carbon dioxide, carbon monoxide, and nitrogen oxides.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed: NE

Human experience: ND

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: ND

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: NIF

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: Proper shipping name: Not regulated

IATA: Proper shipping name: Not regulated

IMO: Proper shipping name: 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 311/312: None listed. Section 313. None listed.

SARA Title III: Section 302. None listed.

RCRA: None listed

TSCA: CAS # 10510-54-0 is listed on the TSCA Inventory. It is for research and development use only.

CERCLA: None listed.

State Regulations

California Proposition 65: None.

International Regulations

Canada WHMIS: Non-controlled product.

Europe EINECS Numbers: 234-043-3

Section 16: Other Information

Label Information: Avoid contact and inhalation

European Risk and Safety Phrases: NIF

European symbols needed: NIF

Canadian WHMIS Symbols: NIF

NFPA (Estimated) Hazard Rating: Health: **1**; Fire: **0**; Reactivity: **0**
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

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.

MSDS Form 0013F1 V2