



# UNISOURCE CHEMICALS PRIVATE LIMITED

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## CRESYL VIOLET ACETATE CERTIFIED

### Material Safety Data Sheet

#### **1. PRODUCT IDENTIFICATION:**

**Synonyms:** CVA.

**CAS No.:** 10510-54-0.

**Molecular Weight:** 320.32.

**Chemical Formula:** C<sub>18</sub>H<sub>14</sub>N<sub>3</sub>O<sub>3</sub>

#### **2.COMPOSITION/ INFORMATION ON INGREDIENTS:**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Hazardous</u>
Cresyl Violet Acetate	10510-54-0	~70%	No.

#### **3. HAZARDS IDENTIFICATION:**

##### **Emergency Overview**

**Appearance:** Light to dark green crystalline powder. **WARNING!** Causes eye irritation. Causes respiratory tract irritation. May cause skin irritation. May cause digestive tract irritation with nausea, vomiting, and diarrhea. The toxicological properties of this material have not been fully investigated.

**Target Organs:** Respiratory system, eyes, skin.

##### **Potential Health Effects**

**Eye:** Causes eye irritation.

**Skin:** May cause skin irritation. The toxicological properties of this material have not been fully investigated.

**Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this material have not been fully investigated

**Inhalation:** Causes respiratory tract irritation.

**Chronic:** No information found.

#### **4. FIRST AID MEASURES:**

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

**Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid immediately.

**DO NOT INDUCE VOMITING.** If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

**Inhalation:** Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**Notes to Physician:** Treat symptomatically and supportively.

## **5. FIREFIGHTING MEASURES:**

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:** In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use agent most appropriate to extinguish fire.

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

**Auto-ignition Temperature:** Not available.

**Explosion Limits, Lower/Upper:** N/A

**NFPA Rating:** (Estimated) Health: 1; Flammability: 0; Instability: 0

## **6. ACCIDENTAL RELEASE MEASURE:**

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spill/Leaks:** Clean up spills immediately, observing precautions in the Protective Equipment Section. Sweep up, then place into suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

## **7. HANDLING AND STORAGE:**

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:** Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances.

## **8. EXPOSURE CONTROLS, PERSONAL PROTECTION:**

**Engineering Controls:** Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls airborne levels.

### **Exposure Limits:**

<b>CHEMICAL NAME</b>	<b>ACGIH</b>	<b>NIOSH</b>	<b>OSHA - FINAL PELs</b>
Cresyl Violet Acetate	none listed	none listed	none listed

**OSHA Vacated PELs:** Cresyl Violet Acetate: No OSHA PELs are listed for this chemical.

### **Personal Protective Equipment**

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

## **9. PHYSICAL AND CHEMICAL PROPERTIES:**

**Physical State:** Crystalline powder

**Appearance:** Light to dark green

**Odor:** None reported

**pH:** Not available

**Vapor Density:** Not available

**Evaporation Rate:** Not available

**Boiling Point:** Not available  
**Freezing/Melting Point:** 143-143 deg C  
**Decomposition Temperature:** 146 deg C  
**Solubility:** Soluble  
**Specific Gravity/Density:** Not available

#### **10. STABILITY AND REACTIVITY:**

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid:** Incompatible materials, excess heat, strong oxidants.

**Incompatibilities with Other Materials:** Strong Oxidizing agents

**Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.

**Hazardous Polymerization:** Has not been reported

#### **11. TOXICOLOGICAL INFORMATION:**

**RTECS#:** CAS# 10510-54-0 unlisted.

**LD50/LC50:** Not available

**Carcinogenicity:**

CAS# 10510-54-0: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**Epidemiology:** No information available.

**Teratogenicity:** No information available.

**Reproductive Effects:** No information available.

**Neurotoxicity:** No information available.

**Mutagenicity:** No information available.

**Other Studies:** No data available.

#### **12. ECOLOGICAL INFORMATION:**

No information available.

#### **13. DISPOSAL CONSIDERATIONS:**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. U.S. EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

#### **14. TRANSPORT INFORMATION:**

No information available.

#### **15. REGULATORY INFORMATION:**

**US FEDERAL**

**TSCA**

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

**Health & Safety Reporting List**

None of the chemicals are on the Health & Safety Report List.

**Chemical Test Rules**

None of the chemicals in this product are under a Chemical Test Rule.

**Section 12b**

None of the chemicals are listed under TSCA Section 12b.

**TSCA Significant New Use Rule**

None of the chemicals in this material have a SNUR under TSCA.

**SARA**

**Section 302 (RQ & TPQ)**

None of the chemicals in this material have an RQ or TPQ.

**SARA Codes**

CAS# 10510-54-0: sudden release of pressure.

**Section 313**

No chemicals are reportable under Section 313.

**CLEAN AIR ACT:**

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 & 2 Ozone depletors.

**CLEAN WATER ACT:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

**OSHA:**

None of the chemicals in this product are considered highly hazardous by OSHA.

**STATE**

CAS# 10510-54-0 is not present on state lists from CA, PA, MN, MA, FL, or NJ.  
California No Significant Risk Level: None of the chemicals in this product are listed.

**EUROPEAN/INTERNATIONAL REGULATIONS**

**European Labeling in Accordance with EC Directives**

**Hazard Symbols XI.**

**Risk Phrases:** R 36/37 Irritating to eyes and respiratory system.

**Safety Phrases:** R 24/25 Avoid contact with skin and eyes.

**WGK (Water Danger/Protection)**

CAS# 10510-54-0: 1.

**Canada -DSL.NDSL**

None of the chemicals in this product are listed on the DSL or NDSL list.

**Canada - WHMIS**

WHMIS: Not available.

**Canadian Ingredient Disclosure List**

**Exposure Limits**

**16. DISCLAIMER INFORMATION:**

**DISCLAIMER:**

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