



## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b> Crystal Violet		<b>DATE:</b> August 01, 2011	
<b>PRODUCT NUMBER:</b> 1-2725 (1004089)			
<b>TRADE NAME:</b> Crystal Violet <b>GENERAL USE:</b> Staining dye Component <b>CHEMICAL FAMILY:</b> Crystal Violet <b>PRODUCT DESCRIPTION:</b> Violet powder or flakes with green luster. Low odor.			
<b>MANUFACTURER:</b> Safariland LLC		<b>DATE PREPARED:</b> August 1, 2011	
		<b>SUPERSEDES:</b> September 16, 2008	
<b>ADDRESS (NUMBER, STREET, P.O. BOX):</b> 13386 International Parkway		<b>TELEPHONE NUMBER FOR INFORMATION / Customer Service:</b> 800-347-1200	
<b>(CITY, STATE AND ZIP CODE):</b> Jacksonville, FL. 32218		<b>COUNTRY:</b> USA	
<b>CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER</b>			
		<b>1-800-255-3924</b>	<b>01-813-248-0585</b>
		North America Toll Free	International

## SECTION 2 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
**WARNING:** Causes severe eye irritation. May irritate skin and respiratory tract. May be harmful if swallowed or inhaled.

**POTENTIAL HEALTH EFFECTS**

**INHALATION:**  
Coughing and wheezing from inhaling large quantities of dust. Irritation of mucous membranes.

**SKIN:**  
Irritation, burning, and itching for sensitive individuals.

**EYES:**  
Causes severe irritation; contact may cause irreversible eye damage.

**INGESTION:**  
Toxic, resulting in vomiting and/or nausea, diarrhea, and abdominal distress.

**CARCINOGENICITY:**

NTP? <b>NO</b>	IARC MONOGRAPHS? <b>NO</b>	OSHA REGULATED? <b>NO</b>
CALIFORNIA, Prop.65?	<b>NO</b>	

## SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	%(by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
<b>Gentian Violet</b>	<b>&gt;90</b>	<b>548-62-9</b>	<b>210-043-9</b>	<b>N+, Xn</b>	<b>R22, R40, R41, R50/53</b>

## SECTION 4 - FIRST AID MEASURES

**INHALATION:**  
Remove affected person to fresh air. Seek medical attention for severe cases.

**EYES:**  
Flush with water for 15 minutes occasionally lifting the eyelids.

**SKIN:**  
Wash with soap and water. Use emollient cream for mild irritation; see a physician if severe irritation occurs.

**INGESTION:**  
Get medical attention. If conscious, give plenty of water. Do not induce vomiting unless directed by medical personnel.

## SECTION 5 - FIRE FIGHTING MEASURES

**GENERAL HAZARDS:**  
Fire is possible at elevated temperatures. Heated material may generate toxic fumes. Dust clouds may be explosion hazard.

**EXTINGUISHING MEDIA:**  
Water spray, CO2, dry chemical powder, or foam.

**FIRE FIGHTING PROCEDURES:**  
Wear self-contained breathing apparatus when fighting fire. Full turn-out gear is recommended.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
Release of toxic and corrosive fumes when heated to high temperatures. Wear self-contained breathing apparatus.

**HAZARDOUS COMBUSTION PRODUCTS:**  
Nitrogen Oxides, Carbon Oxides, Hydrogen Chloride.

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** Crystal Violet  
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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Ventilate area around spill and evacuate unnecessary personnel. Sweep up and deposit in waste container for disposal as a hazardous material. Avoid creating dust clouds. Do not wash into sewer system.

## SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store in tightly closed container, in a cool, dry ventilated area. Do not store above 120°F, or in areas with incompatible materials. Do not create dust clouds. Avoid breathing dust. Use good industrial hygiene while using product. Treat empty containers as hazardous, since they may retain product residues.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH				ACGIH		OSHA	
	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3	TLV/TWA ppm	TWA mg/m3	STEL ppm	PEL mg/m3
<b>Gentian Violet</b>	<b>NE</b>		<b>NE</b>		<b>NE</b>		<b>NE</b>	

RESPIRATORY PROTECTION:

NIOSH or EU approved dust respirator is highly recommended when ventilation is poor.

PROTECTIVE GLOVES:

Use latex or nitrile to prevent skin contact.

EYE PROTECTION:

Material is a severe irritant to the eyes. The use of safety glasses is recommended as a matter of good laboratory practice.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Eye wash station in the event of eye contact with material.

WORK / HYGIENIC PRACTICES:

Use good housekeeping practices. Do not eat, drink, or smoke while working with product. Wear safety glasses at all times.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR <b>Violet powder or flakes with green luster. Low odor.</b>	VAPOR PRESSURE <b>NE</b>
pH <b>NE</b>	SPECIFIC GRAVITY (WATER = 1) <b>NE</b>
MELTING POINT <b>Decomposes</b>	SOLUBILITY IN WATER <b>Soluble</b>
FLASH POINT <b>None</b>	VISCOSITY <b>NA</b>
FLAMMABLE LIMITS LEL: <b>NE</b> UEL: <b>NE</b>	VAPOR DENSITY (AIR = 1) <b>NE</b>
% VOLATILE <b>NE</b>	EVAPORATION RATE (WATER = 1) <b>NE</b>

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY STABLE <b>X</b>	CONDITIONS TO AVOID: <b>Excessive heat, Direct Sunlight, Moisture.</b>
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INCOMPATIBILITY (MATERIALS TO AVOID):

**Oxidizers**

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

**Carbon Oxides, Nitrogen Oxides, Hydrogen Chloride.**

HAZARDOUS POLYMERIZATION:

**Will not occur.**

CONDITIONS TO AVOID:

**None related to polymerization.**

## SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
<b>Gentian Violet</b>	<b>548-62-9 210-043-9</b>	<b>LD50=420 mg/kg (oral, rat)</b>	<b>NE</b>

# MATERIAL SAFETY DATA SHEET

<b>PRODUCT NAME:</b>	Crystal Violet	<b>DATE:</b>	August 01, 2011
<b>PRODUCT NUMBER:</b>	1-2725 (1004089)		

## SECTION 12 - ECOLOGICAL INFORMATION

Product is known to be toxic to the environment: Do not release into sewers or bodies of water.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:**

Dispose of product waste as well as containers in accordance with all local, state and federal regulations.

## SECTION 14 - TRANSPORT INFORMATION

**Not Regulated**

**PROPER SHIPPING NAME:**

DOT HAZARD CLASS / Pack Group: <b>None</b> REFERENCE: <b>49 CFR</b> UN / NA IDENTIFICATION NUMBER: <b>None</b> LABEL: <b>None</b> HAZARD SYMBOLS: <b>None</b>	IATA HAZARD CLASS / Pack Group: <b>None</b> IMDG HAZARD CLASS: <b>None</b> RID/ADR Dangerous Goods Code: <b>None</b> UN TDG Class / Pack Group: <b>None</b> Hazard Identification Number (HIN): <b>None</b>
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Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

## SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act):	<b>NO</b>
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):	<b>NO</b>
Acute Health: <b>YES</b>	Chronic Health: <b>NO</b>
Fire: <b>NO</b>	Sudden Release of Pressure: <b>NO</b>
Reactive: <b>NO</b>	

**313 REPORTABLE INGREDIENTS: NO**

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **Not listed.**

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: **Not listed.**

State Right to Know: Listed as C.I. Basic Violet 3 NJ, PA.



CPR (Canadian Controlled Products Regulations): **Not listed.**

IDL (Canadian Ingredient Disclosure List): **Listed.**

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): **Components listed on DSL.**

EINECS (European Inventory of Existing Commercial Chemical Substances): **Referenced.**

WGK Water Quality Index: **3**

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
R22 : Harmful if swallowed. R40 : Limited evidence of a carcinogenic effect. R41 : Risk of serious damage to eyes. R50/53 : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	 Xn-Harmful   N+-Harmful to the Environment	S2 : Keep out of the reach of children. S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection. S46 : If swallowed, seek medical advice immediately and show this container or label. S60 : This material and its container must be disposed of as hazardous waste. S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

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## SECTION 16 - OTHER INFORMATION

**Legend:** NA = Not Applicable, NE = Not Established, ND = Not Determined, NR = Not Reported.

HMIS HAZARD RATINGS	HEALTH: FLAMMABILITY: PHYSICAL HAZARD: PERSONAL PROTECTIVE EQUIPMENT:	1 0 1 B	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
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**REVISION SUMMARY:**  
Revised to E.U. protocols 8/1/2011 supersedes 9/16/08 issue. LB/JTV

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.