

MATERIAL SAFETY DATA SHEET

HMIS INFORMATION:

Health: 1
Flammability: 1
Physical Hazard: 0

LANSKO COLORS

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Section 1. PRODUCT IDENTIFICATION

PRODUCT NAME: 1223 CARBAZOLE VIOLET 23
VERSION DATE: 11/03/2006
CAS NUMBER: 6358-30-1
C.I. PIGMENT: 51319

Section 2. COMPOSITION

| Ingredient | CAS No | Percent | Hazardous |
|-------------------|-----------|---------|-----------|
| Pigment Violet 23 | 6358-30-1 | 100 | No |

Section 3. HAZARDS IDENTIFICATION

Emergency Overview

When exposed to extremely high temperatures for extended periods of time (such as a fire), organic pigments may burn or smolder emitting noxious fumes that can include nitrogen and carbon dioxides or other toxic compounds.

Contact Rating: 2 - Moderate
Lab Protective Equip: Safety glasses

Potential Health Effects

Inhalation:

Remove to fresh air immediately. Call physician.

Ingestion:

No significant effects.

Skin Contact:

May cause skin irritation if in contact for extended periods of time.

Eye Contact:

1223 msds

The more common hazards are local irritation or abrasion. In severe cases absorption can occur through eye tissues and may cause corneal injury.

Chronic Exposure:

None known

Aggravation of Pre-existing Conditions:

None known

Section 4. FIRST AID MEASURES

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact:

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Thoroughly clean shoes and wash clothing before reuse. Get medical attention irritation persists.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Section 5. FIRE FIGHTING MEASURES

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard. Sealed containers may rupture when heated.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire. Carbon dioxide, dry chemical, water spray or foam are suitable.

Fire Fighting Equipment:

Wear self-contained breathing apparatus and protective suit.

Section 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate PPE as specified in Section 8.

Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Dispose of in accordance with Federal, State or local procedures.

Section 7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Wear special protective equipment (Sec. 8) for maintenance break-in or where exposures may exceed established exposure levels. Wash hands, face, forearms and neck when exiting restricted areas. Observe all warnings and precautions listed for the product.

Section 8. EXPOSURE CONTROLS

For Nuisance Dust:

OSHA Threshold Limit Value (TLV):

15 mg/m³ TWA Total Dust

5 mg/m³ Respirable Dust

Ventilation System:

A system of local and/or general ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (NIOSH Approved):

Use NIOSH approved respirator as needed to mitigate exposure.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or full-face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|-----------------------|-----------------------------------|----------------|
| Appearance: | Dark violet powder | Vapor Density (Air=1): | Not applicable |
| Odor: | Odorless | Melting Point: | No information |
| Solubility: | Insoluble | Vapor Pressure (mm Hg): | Not applicable |
| Specific Gravity: | ~ 1.50 | % Volatiles by volume: | Not applicable |
| pH: | Range of ~ 6.0 – 8.0 | Evaporation Rate (BuAc=1): | Not applicable |
| Boiling Point: | No information found. | | |

Section 10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: When involved in a fire, burning organic pigments may evolve noxious gases.

Hazardous Polymerization: Will not occur.

Incompatibilities: Strong reducing agents, combustibles, and organic materials.

Conditions to Avoid: Incompatibles.

Section 11. TOXICOLOGICAL INFORMATION

Toxicological Data:

This product has reported an acute LD50 value of 5000 mg/kg or greater in rats.
Primary Irritation: Non-irritating skin and eyes (rabbit)

Reproductive Toxicity: Not available

Cancer Lists:

| Ingredient | NTP Carcinogen | | |
|------------|----------------|-------------|---------------|
| | Known | Anticipated | IARC Category |
| None | | | |

Section 12. ECOLOGICAL INFORMATION

Environmental Fate:

When released into the soil, this material may leach into groundwater. This material may be removed from the atmosphere to a moderate extent by wet deposition. Organic pigments are generally insoluble compounds, and as such are believed to have minimal bioaccumulation and bio-availability characteristics.

Environmental Toxicity:

No information found.

Section 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14. TRANSPORTATION INFORMATION

Domestic (Land, D.O.T.)

Proper Shipping Name: Not regulated
 Hazard Class:
 UN/NA:
 Packing Group:
 Information reported for product/size:

International (Water, I.M.O.)

Proper Shipping Name: Not regulated
 Hazard Class:
 UN/NA:
 Packing Group:
 Information reported for product/size:

International (Air, I.C.A.O.)

Proper Shipping Name: Not regulated
 Hazard Class:
 UN/NA:
 Packing Group:
 Information reported for product/size:

Section 15. REGULATORY INFORMATION

Chemical Inventory Status

| Ingredient | TSCA | EC | Japan | Australia | Korea | Canada | | Phil. |
|-------------------|------|-----|-------|-----------|-------|--------|------|-------|
| | | | | | | DSL | NDSL | |
| Pigment Violet 23 | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes |

Federal, State & International Regulations

| Ingredient | SARA 302 | | SARA 313 | | CERCLA | RCRA 261.33 | TSCA 8(d) |
|-------------------|----------|-----|----------|-------------------|--------|-------------|-----------|
| | RQ | TPQ | List | Chemical Category | | | |
| Pigment Violet 23 | No | No | No | No | No | No | No |

| | | | |
|------------------------------------|--------------------|---------------------------------|----|
| Chemical Weapons Convention | No | Fire: | No |
| TSCA 12 (b) | No | Pressure: | No |
| CDTA: | No | Reactivity: | No |
| SARA 311/312: | Acute No | Australian Hazchem Code: | NA |
| | Chronic Yes | | |

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Section 16. OTHER

NFPA Ratings:

Health: 1

Flammability: 1
Reactivity: 0

DISCLAIMER OF LIABILITY

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