

MATERIAL SAFETY DATA SHEET



aardvark colors

Pigment Violet-23

Carbazole di-oxazine
Shake well before using
Distributed by Carriage House Paper - Somerville, MA

Caution:
Colorants and chemicals
should be handled with care
Keep out of reach of children
Do not ingest or inhale
Avoid unnecessary contact

ISSUE DATE June 24, 1986
SUPERSEDES Feb. 20, 1986

TELEPHONE NO: 800-424-9300 DISTRICT OF COLUMBIA: 202-483-7616

MOBAY NON-TRANSPORTATION EMERGENCY NO.:
(412) 923-1800

I. PRODUCT IDENTIFICATION

PRODUCT NAME.....: ACRAMIN Violet FFR
PRODUCT CODE NUMBER...: 56405,11
CHEMICAL FAMILY.....: Oxazine
CI NAME.....: CI Pigment Violet 23
CI NUMBER.....: 51319
T.S.C.A. STATUS.....: In compliance

II. HAZARDOUS INGREDIENTS

COMPONENTS: Mineral Spirits
CAS # 8032-32-4

CURRENT TLV:

Recommended Exposure Limit
(based on Stoddard Solvent)
TWA - 100 ppm; 525 mg/m³
STEL - 200 ppm; 1050 mg/m³

Diethylene Glycol
CAS # 111-46-6

Recommended exposure limit (ceiling)
50 ppm vapor; 10 mg/m³ particulates

III. PHYSICAL DATA

APPEARANCE.....: Paste
COLOR.....: Violet
ODOR.....: Ammoniacal
SOLUBILITY IN WATER...: Dispersible
pH.....: 9.0 - 10.0
SPECIFIC GRAVITY.....: 1.04

IV. FIRE & EXPLOSION DATA

FLASH POINT.....: greater than 200 ° F
EXTINGUISHING MEDIA...: Water, dry chemical, CO₂, foam
SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:
Firefighters should be equipped with self-contained breathing apparatus
to protect against potentially toxic and irritating fumes.

V. HEALTH EFFECTS DATA

ANIMAL TOXICITY* -

ORAL, LD50
(INGESTION).....: greater than 5,000 mg/kg - rats
FISH, LC50.....: greater than 500 mg/l - 48 h - *Leuciscus idus* (L)
EYE EFFECTS.....: non-irritant - rabbits
SKIN EFFECTS.....: non-irritant - rabbits

*Data based on test results on similar products

HUMAN EFFECTS

OF OVEREXPOSURE...: Because the complete acute and chronic hazards of this product have not been determined, employees should avoid exposure to it. Avoid contact with skin, eyes and clothing. Similar products have been shown to cause a temporary skin reaction (allergic contact dermatitis) in some people.

Effects of overexposure to mineral spirit in this product:

Overexposure to mineral spirit vapors can cause irritation of the eyes, nose and throat and central nervous system depression. Contact of the skin with mineral spirit can result in dermatitis. Persons with pre-existing skin disorders may be more susceptible to the effects of this chemical.

Reports of animal studies have shown that kidney effects can occur in male rats after prolonged and repeated inhalation exposure to light hydrocarbon vapors of this general type.

Aspiration of this chemical into the lungs may cause severe pulmonary injury or death.

Effects of overexposure to diethylene glycol in this product

Overexposure to high concentrations of diethylene glycol vapors can produce drowsiness, narcosis and unconsciousness. Ingestion of diethylene glycol can result in behavioral changes, drowsiness, kidney and liver failure and coma. The estimated single lethal oral dose (humans) is 1.0 ml/kg.

VI. EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT.....: Wash eyes immediately with large amounts of water, occasionally lifting the upper and lower lids, until no evidence of product remains (approximately 10-20 minutes). Get medical attention. Do not wear contact lenses while handling this product.

SKIN CONTACT.....: Immediately wash skin with soap and plenty of water. If a temporary skin reaction (rash) occurs it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION.....: If this product has been swallowed, do not induce vomiting. Qualified medical personnel should remove the product by gastric lavage and catharsis.

INHALATION.....: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

VII. EMPLOYEE PROTECTION RECOMMENDATIONS

EYE PROTECTION.....: Employees should wear protective goggles.

SKIN PROTECTION.....: This material may be absorbed via the dermal route if prolonged or widespread skin contact occurs. Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, rubber gloves, and rubber boots are recommended. Additional protection such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking, and shower thoroughly before leaving work.

RESPIRATORY PROTECTION.....: While no TLV has been established for this product, it contains mineral spirits, ethylene glycol for which a recommended exposure limit has been established. Workplace ambient concentrations should be monitored and if the TLV is exceeded a NIOSH approved respirator should be worn.

VENTILATION.....: Use local exhaust to maintain ambient vapor concentration below the recommended exposure limit for mineral spirits, diethylene glycol..

OTHER.....: Emergency showers and eye wash stations should be available.

VIII. REACTIVITY DATA

STABILITY.....: Stable
POLYMERIZATION.....: Not applicable
INCOMPATIBILITY (MATERIALS
TO AVOID).....: Oxidizing and reducing agents.
HAZARDOUS DECOMPOSITION
PRODUCTS.....: CO, CO₂, oxides of nitrogen, HCl,
and potentially toxic fumes.

IX. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Spills should be taken up with suitable absorbent and placed in containers.
Spill area can be washed with water; collect wash water for approved
disposal.
WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing
federal, state, and local environmental regulations.

X. SPECIAL PRECAUTIONS & STORAGE DATA

STORAGE TEMPERATURE
(MIN./MAX.).....: 40 Degrees F, 5 Degrees C Min.
SPECIAL SENSITIVITY
(HEAT, LIGHT, MOISTURE): None
PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORING: Store in dry place, away from excessive heat, in
original or similar waterproof containers. Reseal containers immediately
after use. Avoid unnecessary contact. Protect from freezing.

XI. SHIPPING DATA

TECHNICAL SHIPPING NAME: Oxazine Pigment
D.O.T. HAZARD
CLASSIFICATION.....: Non-regulated
FRT. CLASS BULK.....:
FRT. CLASS PKG.....: Coal Tar Dyes, NMFC 60000
PRODUCT LABEL.....: OOCR

XII. APPROVALS

REASON FOR ISSUE.....: Revision
DATE APPROVED.....: April 1986
APPROVED BY.....: J. Mostowy
TITLE.....: Senior Regulatory Compliance Specialist