



J.S. VILA COMPANY, INC.

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Material Safety Data Sheet

I. Product Identification

Trade Name Uranine
Chemical Family Xanthene
Chemical Formula $C_{20}H_{10}O_5Na_2$
Color Index No 45350
Color Index Name Acid Yellow 73
CAS No 518-47-8
Revision Date 03-14-00

II. Hazard Warning Label

Warning:

May Cause Eye Irritation

Avoid contact with eyes and skin

Avoid inhalation of dusts

Wash thoroughly after handling

Keep containers closed

III. Ingredients

Ingredients C.I. Acid Yellow 73
Expousure Limits None Established

NAPIM HMIS

H:1 F:1 R:0 P:SD

IV. Physical Data

Appearance Orange Powder
Odor None
Solubility in Water Moderate

V. Fire and Explosion Data

Flash Point N/A
Flammable Units N/A
Extinguishing Media Water, Dry chemicals, CO2
Special Procedures for
for Fire Fighting Wear SCBA

Unusual Hazards Avoid Dusting

VI. Reactivity Data

Stability Stable
Conditions to Avoid Will Precipitate with acids
Polymerization Will not occur
Conditions to Avoid None
Incompatibility Oxidizing agents
Hazardous Decomposition .. Burning will produce oxides of carbon,
nitrogen.

VII. Health Hazard Data

Effects of over exposure: None documented.

Routes of Exposure:

Inhalation: X Skin: X Ingestion: Eyes: X

Signs and Symptoms

of Overexposure Not known.

Medical Conditions

Generally Aggravated by
Exposure None known

Carcinogenicity :

NTP: Test completed and awaiting audit IARC: No
OSHA Regulated: No

Toxicity Data:

Oral (Mouse) LD50: 4738 mg/kg
Oral (Rat) LD50: 6721 mg/kg
Dermal (Animal) No Data
Inhalation (Animal) No Data
Effects to Eyes (Animal) .. No Data

VIII. Emergency And First Aid Procedure

Inhalation If inhaled, move to fresh air. If
Breathing is difficult, give oxygen and
get medical attention immediately.
Eye Contact Flush eyes with flowing water for at least
15 minutes, holding eyelids apart to
irrigate thoroughly. Get medical attention
immediately.
Skin Contact Wash affected areas thoroughly with soap
and water. If irritation develops, consult
a physician.
Ingestion If swallowed, dilute with water and induce
vomiting. Get immediate medical attention.
Never give fluids or induce vomiting if
patient is unconscious or has convulsions.

IX. Special Protection

Respiratory NIOSH approved dust respirator - Moldex
2200
Exposure Limits Nuisance particulates 10 MG/M3 total dust
(ACGIH)
Ventilation Local: X Mechanical:

Protective gloves Plastic or Rubber gloves
Eye protection Safety glasses with side shields
Other Protective
Equipment Apron, coverall to minimize skin contact

X. Special Precautions

In accord with good industrial practice, handle this product with care and avoid personal contact.

XI. Transportation Information

DOT Hazard
Classification N/A
DOT Proper Shipping Name ... DOT Not Regulated
DOT Label N/A
UN/NA Number N/A
R.Q. N/A

XII. Spill and Leak Procedures

Regulatory Waste:

Description Not hazardous according to 40 CFR
Part 261
R.Q. None
Waste Disposal Bury or incinerate according to
federal, state and local regulations.
Drum disposal Containers should be triple rinsed
according to federal regulations.
Steps to be taken if
material released or
spilled Wear appropriate safety equipment.
Contain and clean up spill immediately,
prevent from entering floor drains.
Contain liquids using absorbants, sweep
powders carefully minimizing dusting.
Shovel all spill materials into

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