

MATERIAL SAFETY DATA SHEET

MEETING FEDERAL OSHA STANDARD 29 CFR 1910.1200

AMERICAN MASTER*TECH SCIENTIFIC, INC.

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EFFECTIVE DATE: MAY 6, 1997

PRODUCT CODE: SSCUCVI1XXX

MSDS #:

SECTION I IDENTIFICATION AND EMERGENCY INFORMATION

A. TRADE NAME: 1% CRYSTAL VIOLET STAIN

B. PRODUCT DESCRIPTION: LABORATORY REAGENT

C. 24 HOUR EMERGENCY INFORMATION 1-800-457-4280

SECTION II HAZARDOUS COMPONENTS INFORMATION

A. COMPONENT

CAS NO.

EXPOSURE GUIDELINES

OSHA

ACGIH

PEL

TLV

TWA

STEL

TWA

STEL

CRYSTAL VIOLET

(GENTIAN VIOLET)

548-62-9

N/A

N/A

N/A

N/A

SECTION III PHYSICAL DATA

The following data illustrates approximate or typical values, and should not be used for precise design purposes.

A. VAPOR DENSITY (air = 1): N/A

B. SPECIFIC GRAVITY: N/A

C. SOLUBILITY IN WATER: Soluble

D. VAPOR PRESSURE (mmHg at 20 deg. C): N/A

E. EVAPORATION RATE (butyl acetate = 1): N/A

F. MELTING POINT OR RANGE: N/A

G. BOILING POINT OR RANGE: N/A

H. APPEARANCE AND ODOR : Dark purple to black opaque liquid; weak odor.

SECTION IV FIRE AND EXPLOSION HAZARD INFORMATION

A. FLASH POINT: N/A

B. AUTO IGNITION TEMPERATURE: N/A

C. FLAMMABLE LIMITS IN AIR, VOLUME % 1. Lower(LEL): N/A 2. Upper(UEL): N/A

D. FIRE EXTINGUISHING MATERIALS

- | | | |
|---------------------|------------------------|---------------|
| 1. Water Spray: YES | 2. Carbon Dioxide: YES | 3. Foam: YES |
| 4. Halon: NO | 5. Dry Chemical: YES | 6. Other: N/A |

E. SPECIAL FIRE FIGHTING PROCEDURES: N/A

F. UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V REACTIVITY AND STABILITY DATA

A. STABILITY: Stable

B. INCOMPATIBILITY (materials to avoid): N/A

C. HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

- D. 1. HAZARDOUS POLYMERIZATION: N/A
2. CONDITIONS TO AVOID: N/A

SECTION VI EMERGENCY SPILL, LEAK, RESPONSE, AND DISPOSAL PROCEDURES

A. SPILL RESPONSE PROCEDURES: Use personal protection equipment and standard laboratory safety procedures for cleanup. Absorb with absorbent, mop, or towel. Collect waste in designated waste container. Clean contaminated area with soap and water.

B. WASTE DISPOSAL: Dispose of all waste in accordance with local, state, and federal regulations.

SECTION VII HEALTH HAZARDS AND EMERGENCY PROCEDURES

A. SYMPTOMS OF ACUTE OVEREXPOSURE

1. INHALATION: N/A
2. CONTACT WITH EYES: N/A
3. CONTACT WITH SKIN: N/A
4. INGESTION: N/A

B. SYMPTOMS AND HEALTH EFFECTS OF CHRONIC EXPOSURE

1. INHALATION: N/A
2. CONTACT WITH EYES: N/A
3. CONTACT WITH SKIN: N/A

4. INGESTION: N/A

C. FIRST AID (EMERGENCY PROCEDURES)

1. EYE CONTACT: Remove contact lenses if necessary, and immediately flush eyes with copious amounts of water. Buffered saline eye wash solution may also be used. Seek medical attention immediately.
2. SKIN CONTACT: Immediately wash contaminated area thoroughly with mild soap and water. Remove contaminated clothing if necessary.
3. INHALATION: Remove to fresh air. If symptoms persist, seek medical attention.
4. INGESTION: Seek professional medical attention immediately.

D. CARCINOGENICITY

1. NTP : No
2. IARC : No
3. OSHA : No

E. MEDICAL CONDITIONS AGGRAVATED BY PROLONGED EXPOSURE: N/A

SECTION VIII SPECIAL HANDLING INFORMATION

A. AHRC HMIS HAZARD CODES

HEALTH

0 Minimal Use standard safety procedures.

FLAMMABILITY

0 Non-flammable No significant risk of fire or explosion.

REACTIVITY

0 Non-reactive Will not react with water or most inert chemicals.

EQUIPMENT

A Use standard laboratory safety equipment.

B. VENTILATION: Local Dilution Exhaust

C. PERSONAL HYGIENE: Wash thoroughly after each use.

NOTE: N/A refers to "No Data Available."

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' resulting from direct or indirect contact with this product.