

A.M.T.S. MATERIAL SAFETY DATA SHEET

REVISED
8/20/2002

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MSDS CODE
SSCYCLO

TRADE NAME
CYTOLOID (Mucolytic Reagent)

PRODUCT DESCRIPTION
Cytology Reagent

**SUPPLIER: AMERICAN MASTER*TECH SCIENTIFIC, INC.
P.O. BOX 2539
LODI, CA 95241-2539
(209) 368-4031**

IN CASE OF EMERGENCY CONTACT INFOTRAC: 800-535-5053 (24 HOURS)

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>CAS #</u>	<u>OSHA PEL TWA</u>	<u>OSHA STEL</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>
ETHANOL	64-17-5	1000 PPM	N/E	1000 PPM	N/E
WATER	7732-18-5	N/E	N/E	N/E	N/E
CARBOWAX (PEG 1450)	25322-68-3	N/E	N/E	N/E	N/E
DITHIOTHREITOL (DTT)	3483-12-3	N/E	N/E	N/E	N/E

N/E = EXPOSURE LIMITS ARE NOT ESTABLISHED

A = ACTION LEVEL

C = THRESHOLD LEVEL VALUE, CEILING

S = SKIN CONTACT

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE / ODOR**

Colorless transparent liquid; mild odor.

SPECIFIC GRAVITY

N/A

SOLUBILITY IN WATER

Soluble

VAPOR DENSITY

N/A

VAPOR PRESSURE

N/A

EVAPORATION RATE

N/A

MELTING POINT

N/A

BOILING POINT

N/A

FLASH POINT

N/A

AUTO-IGNITION TEMP

N/A

LOWER EXPLOSIVE LIMIT IN AIR

N/A

UPPER EXPLOSIVE LIMIT IN AIR

N/A

SECTION 4: FIRE AND EXPLOSION INFORMATION**WATER SPRAY**

YES

CARBON DIOXIDE

YES

FOAM, ALCOHOL / CHEMICAL

ALCOHOL

DRY CHEMICAL

YES

OTHER

N/A

SPECIAL FIRE FIGHTING PROCEDURES

Wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.).

UNUSUAL FIRE / EXPLOSION HAZARDS

Invisible vapors can travel along the ground to a distant ignition source and flash back.

SECTION 5: REACTIVITY AND STABILITY DATA**STABILITY**

Stable

INCOMPATIBLE MATERIALS

N/A

HAZARDOUS DECOMPOSITION PRODUCTSCO, CO₂, and various hydrocarbons.**HAZARDOUS POLYMERIZATION**

Will not occur.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID

N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES AND DISPOSAL CONSIDERATIONS:**SPILL RESPONSE PROCEDURES**

Use personal protection equipment and standard laboratory safety procedures for cleanup. Keep product away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill with an inert absorbent and place in an appropriate waste container.

WASTE DISPOSAL PROCEDURE

Dispose all waste in accordance with local, state, and federal regulations.

SECTION 7: HAZARDS IDENTIFICATION:**SYMPTOMS OF ACUTE OVEREXPOSURE****INHALATION**

May cause irritation of the respiratory tract and nasal discomfort, possibly accompanied by coughing.

CONTACT WITH EYES

May irritate eyes, with stinging, excessive tearing, redness, and discomfort.

CONTACT WITH SKIN

May irritate skin, with drying, itching, and redness.

INGESTION

May cause dizziness, drowsiness, lack of coordination, and abdominal discomfort.

SYMPTOMS AND HEALTH EFFECTS OF CHRONIC EXPOSURE**INHALATION**

N/A

EYE CONTACT

N/A

SKIN CONTACT

N/A

INGESTION

N/A

FIRST AID MEASURES:**EYE CONTACT**

Remove contact lenses if worn and flush eyes with copious amounts of water or buffered saline eye wash solution. Get medical attention if irritation persists.

SKIN CONTACT

Remove any contaminated clothing and wash affected area thoroughly with mild soap and plenty of water. Get medical attention if irritation develops.

INHALATION

Remove person to fresh air and treat symptomatically. Get medical attention if symptoms worsen.

INGESTION

Get medical attention.

SECTION 7: HAZARDS IDENTIFICATION, continued

CARCINOGENICITY

NTP
Not listed.

IARC
Not listed.

OSHA
Not listed.

CALIFORNIA PROPOSITION 65 WARNINGS

Not listed.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

MEDICAL CONDITIONS AGGRAVATED BY PROLONGED EXPOSURE

N/A

SECTION 8: HANDLING INFORMATION / EXPOSURE CONTROLS

HMIS HAZARD CODES

HEALTH HAZARD

1 Minimal: Use standard safety procedures.

FIRE HAZARD

3 High: Very likely to ignite on contact with spark or flame.

REACTIVITY

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

EQUIPMENT

G Use organic solvent rated respirator, chemical goggles, apron, and gloves in addition to all standard laboratory safety equipment.

VENTILATION

Mechanical Exhaust

PERSONAL HYGIENE

Wash hands thoroughly with soap and water before eating or drinking.

NOTICE TO READER: American Master*Tech Scientific Inc. believes the information contained in this Material Safety Data Sheet (MSDS) is current as of the Revision Date, but can not guarantee that the information is all inclusive. Any chemical may pose unknown hazards; if this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. User is responsible for determining appropriate methods of personal protection, handling, use, storage, and disposal of this product. User assumes all liability for any incidental or consequential damage resulting from the use of this product.