

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

REVISED
8/8/2002

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MSDS CODE
SSFXCAR2

TRADE NAME
CARNOY'S 2000

PRODUCT DESCRIPTION
Tissue Fixative

**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
ACETIC ACID	64-19-7	10 PPM	N/E	10 PPM	15 PPM
WATER	7732-18-5	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; strong alcohol 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**

NO

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 may travel along the ground to a distant ignition source and flash back.

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

Stable

INCOMPATIBLE MATERIALS

Acids, bases, metals, oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTSCO, CO₂**HAZARDOUS POLYMERIZATION**

Will not occur.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID

N/A

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

Wear chemical resistant clothing and personal protection equipment, including a NIOSH/MSHA approved breathing apparatus. Keep away from heat, flame, ignition sources, and reactive materials. Absorb spill and collect in an approved flammable waste container. Wash spill area with soap and water.

WASTE DISPOSAL PROCEDURE

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

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

May irritate the respiratory tract, with stinging, burning, coughing, and discomfort.

CONTACT WITH EYES

May irritate eyes, with burning, excessive tearing, redness, and discomfort. Can cause chemical burns to the eyes and surrounding tissue.

CONTACT WITH SKIN

May irritate skin, with redness, itching, or a burning sensation.

INGESTION

May cause severe abdominal discomfort accompanied by vomiting.

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

Prolonged exposure will cause chemical burns in the respiratory tract.

EYE CONTACT

Prolonged exposure will result in blindness.

SKIN CONTACT

N/A

INGESTION

N/A

FIRST AID MEASURES:**EYE CONTACT**

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

SKIN CONTACT

Remove contaminated clothing and wash contact area thoroughly using mild soap and plenty of water.

INHALATION

Remove person to fresh air and treat symptomatically. If symptoms persist, seek medical attention.

INGESTION

Get immediate 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**

2 Low: Avoid contact. High exposure may result in injury.

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.