

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

REVISED
6/17/2009

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MSDS CODE
SSAHA04

TRADE NAME
3% ACETIC ACID
PRODUCT DESCRIPTION
LABORATORY 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 PELTW</u>	<u>OSHA STEL</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>
WATER	7732-18-5	N/E	N/E	N/E	N/E
ACETIC ACID	64-19-7	10 PPM	N/E	10 PPM	15 PPM

N/E = EXPOSURE LIMITS ARE NOT ESTABLISHED
C = THRESHOLD LEVEL VALUE, CEILING
PNOC = PARTICULATES NOT OTHERWISE CLASSIFIED

N/A = NOT AVAILABLE
ND = NUISANCE DUSTS
RD = RESPIRABLE DUSTS

A = ACTION LEVEL
S = SKIN CONTACT

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

Colorless, transparent liquid; mild acetic acid odor.

SPECIFIC GRAVITY

Approximately 1

SOLUBILITY IN WATER

Soluble

VAPOR DENSITY

N/A

VAPOR PRESSURE

N/A

EVAPORATION RATE

N/A

MELTING POINT

N/A

BOILING POINT

Approx. 100° C

FLASH POINT

Not Flammable

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

CHEMICAL

DRY CHEMICAL

YES

OTHER

N/A

SPECIAL FIRE FIGHTING PROCEDURES

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

UNUSUAL FIRE / EXPLOSION HAZARDS

Produces acetic acid vapors under fire conditions, which may form explosive mixtures with air.

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

Stable

INCOMPATIBLE MATERIALS

Reactive with oxidizers, reducing agents, metals, acids, alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of carbon.

HAZARDOUS POLYMERIZATION

Not reported.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID

None known.

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

Use personal protection equipment and follow standard laboratory safety procedures for cleanup. Wipe up spill or absorb using a dry inert material and place waste in an appropriate container. Clean 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 nose and throat, with stinging, burning, coughing.

CONTACT WITH EYES

May irritate eyes, with stinging, watering, inflammation; may cause chemical burns to eyes and surrounding tissue.

CONTACT WITH SKIN

May irritate skin, with stinging, drying, inflammation, drying.

INGESTION

May irritate gastrointestinal system.

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

Prolonged exposure may cause chemical burns of the respiratory tract.

EYE CONTACT

Prolonged exposure will result in blindness.

SKIN CONTACT

May cause dermatitis.

INGESTION

Unknown.

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 immediate medical attention.

SKIN CONTACT

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

INHALATION

Remove person to fresh air, keep at rest, and treat symptomatically. Get medical attention if symptoms worsen.

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
Unknown.

SECTION 8: HANDLING INFORMATION / EXPOSURE CONTROLS

HMIS HAZARD CODES

HEALTH HAZARD

1 Minimal: Use standard safety procedures.

FIRE HAZARD

0 Non-Flammable: No significant risk of fire or explosion.

REACTIVITY

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

EQUIPMENT

B Wear chemical apron, gloves, and splash goggles in addition to all standard laboratory safety equipment.

VENTILATION
Local Dilution 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.