

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

REVISED
8/20/2002

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MSDS CODE
SSDCECD

TRADE NAME
EASY*CUT DECAL SOLUTION

PRODUCT DESCRIPTION
Bone Decalcifier

**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>
WATER	7732-18-5	N/E	N/E	N/E	N/E
FORMIC ACID	64-18-6	9.4 mg/M3	19 mg/M3	5 PPM	10 PPM
HYDROCHLORIC ACID	7647-01-0	5 PPM	N/E	5 PPM	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 acid 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

100° C

FLASH POINT

Aqueous Solution

AUTO-IGNITION TEMP

Aqueous Solution

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

UNUSUAL FIRE / EXPLOSION HAZARDS

Contact with metals may produce explosive hydrogen gas.

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

Stable

INCOMPATIBLE MATERIALS

Alkalis, strong oxidizers, metals.

HAZARDOUS DECOMPOSITION PRODUCTS

HCl gas, oxides of carbon.

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 material away from heat, flame, ignition sources, and reactive materials. Wipe up or absorb spill using an inert absorbent and place in a suitable chemical waste container. Wash spill area thoroughly with soap and plenty of 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 cause severe irritation of the respiratory tract accompanied by coughing or nose and throat discomfort.

CONTACT WITH EYES

May irritate eyes, with stinging, burning, excessive tearing, and redness; may cause chemical burns to eyes and surrounding tissues.

CONTACT WITH SKIN

May irritate skin, with itching, burning, redness, and discomfort.

INGESTION

May cause severe abdominal discomfort accompanied by vomiting.

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

Prolonged exposure will cause chemical burns of 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 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 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 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**

3 High: Avoid all contact. Small exposure may result in injury.

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

F Use acid 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.