ATTN: SAFETY DIRECTOR
UNIT OF WISC-WHITEWATER
PURCHASING OFFICE
800 W MAIN ST
WHITEWATER WI 53190-1705

EMERGENCY PHONE 1-314-771-5765

DATE: 09/08/93
CUST#: 2-097-94816
P# #: UNDO-41251

MATERIAL SAFETY DATA SHEET  PAGE 1

SECTION 1. -- - - - - - - CHEMICAL IDENTIFICATION- - - - - - - -
PRODUCT #: 07753
NAME: OXALACETIC ACID, CELL CULTURE TESTED

SECTION 2. -- - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - - -
CAS #: 328-42-7
MF: C4H4O5

SECTION 3. -- - - - - - HAZARDS IDENTIFICATION - - - - - -
LABEL PRECAUTIONARY STATEMENTS
IRRITANT
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. -- - - - - - FIRST-AID MEASURES - - - - - - -
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. -- - - - - - FIRE-FIGHTING MEASURES - - - - - - - -
EXTINGUISHING MEDIA
WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. -- - - - - - ACCIDENTAL RELEASE MEASURES - - - - - -
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY
CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

PRODUCT #: 07753  
NAME: OXALACETIC ACID, CELL CULTURE TESTED

SECTION 7.  HANDLING AND STORAGE

SECTION 8.  EXPOSURE CONTROLS/PERSONAL PROTECTION

SECTION 9.  PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:  
DEEP WHITE POWDER
MELTING POINT: 161 C (DEC)

SECTION 10.  STABILITY AND REACTIVITY

INCOMPATIBILITIES:  
STRONG OXIDIZING AGENTS
HAZARDOUS COMPOSITION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:  
CARBON MONOXIDE, CARBON DIOXIDE

SECTION 11.  TOXICOLOGICAL INFORMATION

CONTINUED ON NEXT PAGE
ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
CAUSES EYE AND SKIN IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

SECTION 12.  ECOLOGICAL INFORMATION
DATA NOT YET AVAILABLE.

SECTION 13.  DISPOSAL CONSIDERATIONS
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A
CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14.  TRANSPORT INFORMATION
CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15.  REGULATORY INFORMATION
DATA NOT AVAILABLE.

SECTION 16.  OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO
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