

## BIO BASIC INC.

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MATERIAL SAFETY DATA SHEET

REQUIRED UNDER SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING

MANUFACTURER'S NAME: BIO BASIC INC.  
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### DATE UPDATED: MAY 2007

#### SECTION 1. ----- CHEMICAL IDENTIFICATION -----

CODE: ED0077

NAME: EGTA

#### SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

CHEMICAL NAME: CAS#: RTECS #: %:

EGTA 67-42-5 AH3760000 >97.0

FOR MORE INFORMATION SEE COMPLETE RTECS ENTRY.

MF: C14H24N2O10

EC NO: 200-651-2

#### SYNONYMS

1,2-BIS(2-DICARBOXYMETHYLAMINOETHOXY)ETHANE \* 6,9-DIOXA-3,12-DIAZATETRADECANEDIOIC ACID, 3,12-BIS(CARBOXYMETHYL)- (9CI) \* EBONTA \* EGTA \* (ETHYLENEBIS(OXYETHYLENENITRIL))TETRAACETIC ACID \* ETHYLENEDIOXYBIS(ETHYLENEAMINO)TETRAACETIC ACID \* ETHYLENE GLYCOL BIS(AMINOETHYL ETHER)TETRAACETATE \* ETHYLENE GLYCOL BIS(BETA-AMINOETHYL ETHER)TETRAACETATE \* ETHYLENE GLYCOL BIS(BETA-AMINOETHYL ETHER)-N,N'-TETRAACETIC ACID \* ETHYLENE GLYCOL BIS(2-AMINOETHYL ETHER)TETRAACETIC ACID \* ETHYLENE GLYCOL BIS(2-AMINOETHYL ETHER)-N,N,N',N'-TETRAACETIC ACID \* GEDTA \* GLYCOL-ETHERDIAMINETETRAACETIC ACID \*

#### SECTION 3. ----- HAZARDS IDENTIFICATION -----

##### LABEL PRECAUTIONARY STATEMENT

MAY BE 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.

CAUTION: THE TOXICOLOGICAL PROPERTIES OF THIS CHEMICAL HAVE NOT BEEN THOROUGHLY INVESTIGATED.

#### SECTION 4. ----- FIRST-AID MEASURES -----

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.

IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.

IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

#### SECTION 5. ----- FIRE FIGHTING MEASURES -----

##### EXTINGUISHING MEDIA

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.  
SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----  
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY  
RUBBER GLOVES.  
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.  
AVOID RAISING DUST.  
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.  
SECTION 7. ----- HANDLING AND STORAGE-----  
REFER TO SECTION 8.  
SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----  
NIOSH/MSHA-APPROVED RESPIRATOR.  
MECHANICAL EXHAUST REQUIRED.  
COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
CHEMICAL SAFETY GOGGLES.  
SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----  
APPEARANCE AND ODOR  
SOLID.  
MELTING POINT  
241 C  
SECTION 10. -----STABILITY AND REACTIVITY -----  
STABILITY  
STABLE.  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE,  
AND NITROGEN OXIDES.  
HAZARDOUS POLYMERIZATION  
WILL NOT OCCUR.  
SECTION 11. ----- TOXICOLOGICAL INFORMATION -----  
ACUTE EFFECTS  
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
MAY CAUSE IRRITATION.  
THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY  
INVESTIGATED.  
RTECS #: AH3760000  
ACETIC ACID, (ETHYLENEBIS(OXYETHYLENENITRIL))TETRA-  
TOXICITY DATA  
ORL-RAT LD50:3587 MG/KG TXAPA9 16,807,1970  
IPR-MUS LD50:150 MG/KG NTIS\*\* AD691-490  
ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES  
(RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR  
COMPLETE INFORMATION.  
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 -----  
NOT REGULATED  
SECTION 15. ----- REGULATORY INFORMATION -----  
EUROPEAN INFORMATION  
R: N/A  
S: N/A  
REVIEWS, STANDARDS, AND REGULATIONS  
OEL=MAK  
NOHS 1974: HZD 84753; NIS 1; TNF 111; NOS 3; TNE 664

NOES 1983; HZD 84753; NIS 1; TNF 103; NOS 4; TNE 1556; TFE 1043

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

SECTION 16. ----- OTHER INFORMATION-----

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. BIO BASIC INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.