



chemists helping chemists in research & industry

aldrich chemical co., inc.

P.O. Box 355, Milwaukee, Wisconsin 53201 USA

Telephone: (414) 273-3850
TWX: (910) 262-3052 Aldrichem M
Telex: 26 843 Aldrich MI
FAX: (414) 273-4979

M A T E R I A L S A F E T Y D A T A S H E E T

PAGE 3

CUST#: 938609

PO#: 75906

PRODUCT #: 252352
MF: C10H16N2O8

NAME: ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM
SALT DIHYDRATE, 99+%, A.C.S. REAGENT

RUBBER GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
HARMFUL SOLID.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR
WHITE POWDER
MELTING POINT: 248 C (DEC)

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

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

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

ACUTE EFFECTS
HARMFUL IF SWALLOWED.
MAY BE HARMFUL IF INHALED.
MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
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.

CONTINUED ON NEXT PAGE

France
Aldrich-Chimie S.a.r.l.
B.P. 701
38297 Saint Quentin Fallavier
Cedex
Telephone: 74822800
Telex: 308215 Aldrich F
FAX: 74956808

Italy
Aldrich Chimica
Via Gallarate, 154
20151 Milano
Telephone: 0233417370
FAX: 0238010737

Japan
Aldrich Japan
Kyodo Bldg. Shinkanda
10 Kanda-Mikuracho
Chiyoda-Ku, Tokyo
Telephone: 0332580155
FAX: 0332580157

Spain
Aldrich Quimica
Apt. de Correos 161
28100 Alcobendas (Madrid)
Telephone: 3416619977
Telex: 22189 SAQS-E
FAX: 3416618084

United Kingdom
Aldrich Chemical Co., Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP8 4JL
Telephone: 0747822211
Telex: 417238 Aldrich G
FAX: 0747823779

Germany
Aldrich-Chemie GmbH & Co. KG
W-7924 Steinheim
Telephone: 07329870
Telex: 714838 Aldri D
FAX: 0732987139/239

Switzerland
Aldrich Chemie
Industriestrasse 25
P.O. Box 260
CH-9470 Buchs
Telephone: 08569723
FAX: 08567420

Australia
Aldrich Chemical
Unit 2
10 Anella Ave.
Castle Hill NSW 2154
Telephone: 028999977
FAX: 028999742

Belgium
Aldrich Chemie
K. Cardijnplein, 8
B-2880 Bornem
Telephone: 038991301
FAX: 038991311



chemists helping chemists in research & industry

aldrich chemical co., inc.

P.O. Box 355, Milwaukee, Wisconsin 53201 USA

Telephone: (414) 273-3850
TWX: (910) 262-3052 Aldrichem
Telex: 26 843 Aldrich MI
FAX: (414) 273-4979

M A T E R I A L S A F E T Y D A T A S H E E T

PAGE 4

CUST#: 938609

PO#: 75906

PRODUCT #: 252352
MF: C10H16N2C8

NAME: ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM
SALT DIHYDRATE, 99+%, A.C.S. REAGENT

RTECS NO: AH4375000

ACETIC ACID, (ETHYLENEDINITRIL)TETRA-, DISODIUM SALT

TOXICITY DATA

ORL-RAT LD50: 2 GM/KG
SCU-RAT LD50: 3735 MG/KG
ORL-MUS LD50: 2050 MG/KG
IPR-MUS LD50: 260 MG/KG
IVN-MUS LD50: 56 MG/KG
ORL-RBT LD50: 2300 MG/KG
IVN-RBT LD50: 47 MG/KG

FEPRA7 27,465,68
SRTCAC 36(1-4),10,89
NYKZAU 52,126S,56
NYKZAU 52,126S,56
CSLN* NX#03781
NYKZAU 52,113,56
NYKZAU 52,113,56

TARGET ORGAN DATA

BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
EFFECTS ON FERTILITY (POST-IMPLANTATION MORTALITY)
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 - - - - -

CONTACT ALDRICH CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

REVIEWS, STANDARDS, AND REGULATIONS

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION

FEREAC 54,7740,89

NOHS 1974: HZD 83643; NIS 45; TNF 5010; NOS 47; TNE 43360

NOES 1983: HZD 83643; NIS 62; TNF 8199; NOS 69; TNE 106998; TFE 62467

EPA GENETOX PROGRAM 1988, NEGATIVE: HISTIDINE REVERSION-AMES TEST

CONTINUED ON NEXT PAGE

France
Aldrich-Chemie S.a.r.l.
B.P. 701
38297 Saint Quentin Fallavier
Cedex
Telephone: 74822800
Telex: 308215 Aldrich F
FAX: 74956808

Italy
Aldrich Chimica
Via Gallarate, 154
20151 Milano
Telephone: 0233417370
FAX: 0238010737

Japan
Aldrich Japan
Kyodo Bldg. Shinkanda
10 Kanda-Mikuracho
Chiyoda-Ku, Tokyo
Telephone: 0332580155
FAX: 0332580157

Spain
Aldrich Quimica
Apt. de Correos 161
28100 Alcobendas (Madrid)
Telephone: 3416619977
Telex: 22189 SAQSE
FAX: 3416618084

United Kingdom
Aldrich Chemical Co., Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP8 4JL
Telephone: 0747822211
Telex: 417238 Aldrich G
FAX: 0747823779

Germany
Aldrich-Chemie GmbH & Co. KG
W-7924 Steinheim
Telephone: 07329870
Telex: 714838 Aldri D
FAX: 0732987139/239

Switzerland
Aldrich Chemie
Industriestrasse 25
P.O. Box 260
CH-9470 Buchs
Telephone: 08569723
FAX: 08567420

Australia
Aldrich Chemical
Unit 2
10 Anella Ave.
Castle Hill NSW 2154
Telephone: 028999977
FAX: 028999742

Belgium
Aldrich Chemie
K. Cardijnplein, 8
B-2880 Bornem
Telephone: 038991301
FAX: 038991311



chemists helping chemists in research & industry

aldrich chemical co., inc.

P.O. Box 355, Milwaukee, Wisconsin 53201 USA

Telephone: (414) 273-3850
TWX: (910) 262-3052 Aldrichem
Telex: 26 843 Aldrich MI
FAX: (414) 273-4979

M A T E R I A L S A F E T Y D A T A S H E E T

PAGE 5

CUST#: 938609

PO#: 75906

PRODUCT #: 252352
MF: C10H16N2O8

NAME: ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM
SALT DIHYDRATE, 99+%, A.C.S. REAGENT

EPA TSCA CHEMICAL INVENTORY, JANUARY 1993

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. ALDRICH 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.

COPYRIGHT 1993 ALDRICH CHEMICAL CO., INC.
LICENSE GRANTED TO MAKE UNLIMITED COPIES FOR INTERNAL USE ONLY

France
Aldrich-Chimie S.a.r.l.
B.P. 701
38297 Saint Quentin Fallavier
Cedex
Telephone: 74822800
Telex: 308215 Aldrich F
FAX: 74956808

Italy
Aldrich Chimica
Via Gallarate, 154
20151 Milano
Telephone: 0233417370
FAX: 0238010737

Japan
Aldrich Japan
Kyodo Bldg. Shinkanda
10 Kanda-Mikuracho
Chiyoda-Ku, Tokyo
Telephone: 0332580155
FAX: 0332580157

Spain
Aldrich Quimica
Apt. de Correos 161
28100 Alcobendas (Madrid)
Telephone: 3416619977
Telex: 22189 SAQS-E
FAX: 3416618084

United Kingdom
Aldrich Chemical Co., Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP8 4JL
Telephone: 0747822211
Telex: 417238 Aldrich G
FAX: 0747823779

Germany
Aldrich-Chemie GmbH & Co. KG
W-7924 Steinheim
Telephone: 07329870
Telex: 714838 Aldri D
FAX: 0732987139/239

Switzerland
Aldrich Chemie
Industriestrasse 25
P.O. Box 260
CH-9470 Buchs
Telephone: 08569723
FAX: 08567420

Australia
Aldrich Chemical
Unit 2
10 Anella Ave.
Castle Hill NSW 2154
Telephone: 028999977
FAX: 028999742

Belgium
Aldrich Chemie
K. Cardijnplein, 8
B-2880 Bornem
Telephone: 038991301
FAX: 038991311