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FAX: USA/CANADA 1-800-325-5052 OUTSIDE USA/CANADA 314-771-5757  
TELEX: 910-761-0593 or 434475 ANSWERBACK "SIG OK COLLECT"

TELEPHONE: USA/CANADA 1-800-325-3010  
OUTSIDE USA/CANADA call COLLECT 314-771-5750

THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH  
BIOCHEMICALS AND DIAGNOSTIC REAGENTS

ATTN: SAFETY DIRECTOR  
UNIVERSITY OF WISCONSIN  
WHITEWATER  
ACCOUNTS PAYABLE  
PO BOX 296  
WHITEWATER WI 53190-0296

EMERGENCY PHONE 1-314-771-5765

DATE 01/11/96  
CUST#: 2-097-94804  
PO#: QH4743

M A T E R I A L S A F E T Y D A T A S H E E T PAGE 1

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #: 55886  
NAME: SODIUM CHLORIDE CELL CULTURE TESTED

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 7647-14-5  
MF: CLNA  
EC NO: 231-503-3

SYNONYMS

COMMON SALT \* DENDRITIS \* EXTRA FINE 200 SALT \* EXTRA FINE 325 SALT \*  
HALITE \* H.G. BLENDING \* NATRIUMCHLORID (GERMAN) \* PUREX \* ROCK SALT \*  
SALINE \* SALT \* SEA SALT \* STERLING \* TABLE SALT \* TOP FLAKE \* USP  
SODIUM CHLORIDE \* WHITE CRYSTAL \*

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.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

NONCOMBUSTIBLE.  
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIREFIGHTING PROCEDURES

FOR FIRES INVOLVING THIS MATERIAL, DO NOT ENTER ANY ENCLOSED OR  
CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT. THIS MAY  
INCLUDE SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST THE  
HAZARDOUS EFFECTS OF THE NORMAL PRODUCTS OF COMBUSTION OR OXYGEN  
DEFICIENCY.

SECTION 6. ACCIDENTAL RELEASE MEASURES

CONTINUED ON NEXT PAGE

BRANCH OFFICES AT:

<b>SIGMA-ALDRICH TRIEBES GmbH</b> Waldner Weg 30 41 Deisenhofen Germany	<b>SIGMA-ALDRICH QUIMICA, S.A.</b> Apt. Correos 161 28100 Alcobendas (Madrid) Spain	<b>SIGMA-ALDRICH s.r.o.</b> Krizkova 27 198 00 Praha 8 Ceska Republika	<b>SIGMA CHEMIE</b> K. Cardijnplein, 8 B-2890 Bornem Belgie/Belgique	<b>SIGMA CHEMIE</b> P.O. Box 260 CH-9470 Buchs Switzerland	<b>SIGMA-ALDRICH QUIMICA, S.A. de C.V.</b> Avenida Picacho Ajusco No. 130-303 Fraccionamiento Jardines en la Montaña 14210 Mexico, D.F.	<b>SIGMA-ALDRICH CORPORATION</b> New Delhi Location B-4/158, Sakdajung Enclave New Delhi - 110 029 India
<b>SIGMA CHIMIE</b> LE D'Abreu Chesnes 701 97 St. Quentin Fallavier France	<b>SIGMA-ALDRICH S.r.l.</b> Via Gallarate 154 20151 Milano Italia	<b>SIGMA-ALDRICH PTY., LIMITED</b> Unit 2, 10 Anella Ave. Castle Hill NSW 2154 Australia	<b>SIGMA-ALDRICH CHEMICAL</b> REPRESENTACOES LTDA. Rua Sabará, 566 - Conj. 53 01239-010 São Paulo, SP Brasil	<b>SIGMA CHEMICAL CO. LTD.</b> Fancy Road, Poole Dorset BH17 7NH England	<b>SIGMA-ALDRICH KR</b> Teréz krt. 39 1067 Budapest Hungary	<b>SIGMA-ALDRICH</b> 206 Samhan Campus Building 17-3 Yoico-dong Yungdeungpo-ku Seoul South Korea

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CUST#: 2-097-94804 PO#: QH4743

MATERIAL SAFETY DATA SHEET PAGE 2

CATALOG #: 558 86 NAME: SODIUM CHLORIDE CELL CULTURE TESTED

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.

ADDITIONAL INFORMATION REACTS VIOLENTLY WITH BROMINE TRIFLUORIDE AND LITHIUM.

SECTION 8. --- EXPOSURE CONTROLS/PERSONAL PROTECTION---

CHEMICAL SAFETY GOGGLES. USE PROTECTIVE CLOTHING, GLOVES AND MASK. 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. IRRITANT. KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

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

APPEARANCE AND ODOR WHITE CRYSTALLINE POWDER

PHYSICAL PROPERTIES MELTING POINT: 801 C VAPOR PRESSURE: 1MM 865 C SPECIFIC GRAVITY: 2.165

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

INCOMPATIBILITIES STRONG OXIDIZING AGENTS STRONG ACIDS PROTECT FROM MOISTURE.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.

SECTION 11. --- TOXICOLOGICAL INFORMATION ---

ACUTE EFFECTS MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION. CAUSES EYE IRRITATION.

CONTINUED ON NEXT PAGE

BRANCH OFFICES AT:

Table with 6 columns listing branch offices for SIGMA-ALDRICH in various countries including Germany, Spain, Italy, Australia, Brazil, Belgium, Switzerland, Mexico, and India.

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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

CATALOG #: 55886
NAME: SODIUM CHLORIDE CELL CULTURE TESTED

CAUSES SKIN IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.

RTECS #: VZ4725000
SODIUM CHLORIDE

IRRITATION DATA

SKN-RBT 50 MG/24H MLD
SKN-RBT 500 MG/24H MLD
EYE-RBT 100 MG MLD
EYE-RBT 100 MG/24H MOD
EYE-RBT 10 MG MOD

BIOFX\* 20-3/71
28ZPAK -7,72
BIOFX\* 20-3/71
28ZPAK -7,72
TXAPA9 55,501,80

TOXICITY DATA

ORL-RAT LD50: 3 GM/KG
IHL-RAT LC50: >42 GM/M3/1H
ORL-MUS LD50: 4 GM/KG
IPR-MUS LD50: 6614 MG/KG
SCU-MUS LD50: 3 GM/KG
IVN-MUS LD50: 645 MG/KG
ICV-MUS LD50: 131 MG/KG
SKN-RBT LD50: >10 GM/KG

TXAPA9 20,57,71
BIOFX\* 20-3/71
FRPPAD 27,19,72
COREAF 256,1043,63
ARZNAD 7,445,57
ARZNAD 7,445,57
TYKNAQ 27,131,80
BIOFX\* 20-3/71

TARGET ORGAN DATA

BEHAVIORAL (SOMNOLENCE)
BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
BEHAVIORAL (MUSCLE CONTRACTION OR SPASTICITY)
CARDIAC (OTHER CHANGES)
ENDOCRINE (ESTROGENIC)
MATERNAL EFFECTS (OVARIES, FALLOPIAN TUBES)
MATERNAL EFFECTS (OTHER EFFECTS ON FEMALE)
EFFECTS ON FERTILITY (PRE-IMPLANTATION MORTALITY)
EFFECTS ON FERTILITY (POST-IMPLANTATION MORTALITY)
EFFECTS ON FERTILITY (ABORTION)
EFFECTS ON EMBRYO OR FETUS (FETOTOXICITY)
EFFECTS ON EMBRYO OR FETUS (FETAL DEATH)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (MUSCULOSKELETAL SYSTEM)
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 - - - - -

CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF
THIS MATERIAL.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTINUED ON NEXT PAGE

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SIGMA-ALDRICH

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MATERIAL SAFETY DATA SHEET PAGE 4

CATALOG #: 55886  
NAME: SODIUM CHLORIDE CELL CULTURE TESTED

CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. REGULATORY INFORMATION

EUROPEAN INFORMATION

IRRITANT  
R 36/37/38  
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.  
S 26  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF  
WATER AND SEEK MEDICAL ADVICE.  
S 36  
WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK  
EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION  
FEREAC 54,7740,89  
NOHS 1974: HZD 68880; NIS 265; TNF 63391; NOS 163; TNE 630453  
NOES 1983: HZD E0256; NIS 1; TNF 403; NOS 5; TNE 4029; TFE 2015  
NOES 1983: HZD 68880; NIS 336; TNF 69628; NOS 211; TNE 1743954; TFE  
817249  
EPA GENETOX PROGRAM 1988, NEGATIVE: IN VITRO CYTOGENETICS-NONHUMAN;  
SPERM MORPHOLOGY-MOUSE  
EPA GENETOX PROGRAM 1988, INCONCLUSIVE: MAMMALIAN MICRONUCLEUS  
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY  
EPA TSCA SECTION 8(D) UNPUBLISHED HEALTH/SAFETY STUDIES  
EPA TSCA SECTION 8(E) RISK NOTIFICATION, 8EHQ-0892-9201  
EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, OCTOBER 1995

SECTION 16. OTHER INFORMATION

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WHITWATER WI 53190

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