MATERIAL SAFETY DATA SHEET

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

CATALOG #: 55886
NAME: SODIUM CHLORIDE CELL CULTURE TESTED

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

CAS #: 7647-14-5
MF: CLMA
EC NO: 231-593-3

SYNONYMS
COMMON SALT * DENDRITIS * EXTRA FINE 200 SALT * EXTRA FINE 325 SALT * HALITE * H.G. BLENDING * Natriumchlorid (German) * Purex * Rock Salt * Saline * Sea Salt * Sterling * Table Salt * Top Flak * 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 SHALLOWED, 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.

SECTION 6. --- --- --- --- --- ACCIDENTAL RELEASE MEASURES

CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

SECTION 7. HANDLING AND STORAGE

RECOMMENDATIONS FOR SAFE HANDLING:
- Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
- Sweep up spill in a bag and hold for waste disposal.
- Avoid raising dust.
- Ventilate area and wash spill site after material pickup is complete.

ADDITIONAL INFORMATION:
- Reacts violently with bromine trifluoride and lithium.

SECTION 8. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:
White crystalline powder

PHYSICAL PROPERTIES:
- Melting point: 801°C
- Vapor pressure: 144 865°C
- Specific gravity: 2.185

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.
Reasons for eye irritation.

CONTINUED ON NEXT PAGE
CATALOG #: S5886
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
SKU-RBT 50 MG/24H MLD
SKN-RBT 500 MG/24H MLD
EYE-RBT 100 MG MLD
EYE-RBT 100 MG/24H MLD
EYE-RBT 10 MG MOD

TOXICITY DATA
ORL-RAT LD50: 3 GM/KG
IH-L-RAT LD50: 542 GM/M3/1H
ORL-MUS LD50: 4 GM/KG
IPI-MUS LD50: 6614 MG/KG
SCU-MUS LD50: 3 GM/KG
IVN-MUS LD50: 645 MG/KG
ICV-MUS LD50: 131 MG/KG
SKU-RBT LD50: 10 MG MOD

TARGET ORGAN DATA
BEHAVIORAL (COGNITIVE)
BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
BEHAVIORAL (MUSCLE CONTRACTION OR SPASTICITY)
CARDIAC (OTHER CHANGES)
ENDOCRINE (FETOTROGENIC)
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 (FETOTOCY)
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
MATERIAL SAFETY DATA SHEET

CATALOG #: S5886

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

DEL=MAK

EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION
FERENCE 54774039

NIEHS 1974: HZD 60880; NIS 265; TNF 63391; NOS 163; TNE 630453.

NOES 1983: HZD 60258; NIS 1; TNF 403; NOS 1; TNE 402; TFE 2015.

NOES 1983: HZD 60880; NIS 336; TNF 69628; NOS 211; TNE 1763954; TFE
81728

EPA GENETOX PROGRAM 1988, NEGATIVE: IN VITRO CYTOGENETICS-NONHUMAN;
SPERM MORPHOLOGY-MOUSE.

EPA GENETOX PROGRAM 1988, INCONCLUSIVE: MAMMALIAN MICRONUCLEUS.

EPA TSCA SECTION 8(3) CHEMICAL INVENTORY

EPA TSCA SECTION 8(3) UNPUBLISHED HEALTH/SAFETY STUDIES

EPA TSCA SECTION 8(3) RISK NOTIFICATION, 8EHQ-0892-0201.

EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, OCTOBER 1995

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

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