

FISHER SCIENTIFIC, CHEMICAL DIV. -- COMMON SALT,S-271 -- 6810-00-197-9407

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Product Identification
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Product ID:COMMON SALT,S-271

MSDS Date:06/30/1994

FSC:6810

NIIN:00-197-9407

MSDS Number: BPNWG

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-7

96-7100

Chemtec Ind/Phone:(800)424-9300

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:SODIUM CHLORIDE

CAS:7647-14-5

RTECS #

:VZ4725000

Fraction by Wt: 100.0%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 3000 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, CNS, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYES, RESPIRATORY & GI TRACTS IRRITATION. MAY CAUSE EYE PAIN. INGESTION OF LARGE AMOUNTS MAY

CAUSE VOMITING. ULCERATION MAY OCCUR. MAY EFFECT CNS. DEATH MAY OCCUR FROM RESPIRATORY FAILURE. CHRONIC- MAY CAUSE ELEVATED BLOOD PRESSURE, CONJUNCTIVITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION, VOMITING, NAUSEA, EYE REDNESS AND PAIN, DIARRHEA, ANOREXIA, THIRST, FEVER, MUSCULAR TWITCHING, RIGIDITY, CONVULSION, DEHYDRATION, CONGESTION, CONFUSION, COMA, DEATH

Medical Cond Aggravated by Exposure:

NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER. ORAL:IF CONSCIOUS, DRINK PLENTY OF WATER. GET MEDICAL ATTENTION. TREAT SYMPTOMATICALLY AND SUPPORTIVELY. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.

===== Fire Fighting Measures =====

Flash Point:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. AVOID BREATHING VAPORS OR DUSTS. KEEP UPWIND.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD.

===== Accid

ental Release Measures =====

Spill Release Procedures:SWEEP UP AND PLACE IN SUITABLE CLEAN, DRY
CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. DO NOT FLUSH SPILLED
MATERIAL INTO SEWER.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN DRY AREA AWAY FROM
INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:AVOID BREATHING DUST. DO NOT GET IN EYES. WASH
THOROUGHLY

AFTER HANDLING. KEEP OUT OF REACH OF SMALL CHILDREN.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IN DUSTY SITUATION, WEAR
NIOSH-APPROVED RESPIRATOR FOR DUST.

Ventilation:LOCAL

Protective Gloves:LATEX

Eye Protection:DUST-RESISTANT SAFETY GOGGLES

Other Protective Equipment:EYE WASH FOUNTAIN WITHIN THE IMMEDIATE WORK
AREA FOR EMERGENCY USE, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PR
ACTICES AND

RECOMMENDED PROCEDURES.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=1412.8C, 2575.F

Melt/Freeze Pt:=801.1C, #####F

Vapor Pres:1 @865C

Spec Gravity:2.165@25C

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:35.7%

Appearance and Odor:ODORLESS, COLORLESS TO WHITE, SLIGHTLY HYGROSCOPIC,
CRYSTALLINE POWDER.

Percent Volatiles by Volume:

NONE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

BROMINE TRIFLUORIDE; BLDG MATL; DICHLOROMALEIC ANHYDRIDE & UREA;
LITHIUM(BURN); METALS; NITROGEN CMPD.

Stability Condition to Avoid: MOISTURE

Hazardous Decomposition Products: MAY FORM TOXIC FUMES OF CHLORIDE AND
SODIUM OXIDE.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

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