

FISHER SCIENTIFIC CO;CHEMICAL MFG DIV -- SODIUM FORMATE,CRYSTAL;PRODUCT CODE:3700  
-- 6810-00-063-6904

===== Product Identification =====

Product ID:SODIUM FORMATE,CRYSTAL;PRODUCT CODE:3700

MSDS Date:03/24/1986

FSC:6810

NIIN:00-063-6904

MSDS Number: BPKJQ

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO;CHEMICAL MFG DIV

Address:1-REAGENT LN

City:FAIR LAWN

State:NJ

ZIP:07410-2802

Country

:US

Info Phone Num:201-796-7100

Emergency Phone Num:201-796-7100

CAGE:1B464

=== Contractor Identification ===

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

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM FORMATE (FORMIC ACID,SODIUM SALT)

CAS:141-53-7

RTECS #:LR0350000

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

LD50

LC50 Mixture:LD50 (ORAL MOUSE) IS 11,200 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:SODIUM FORMATE IS AN IRRITANT OF THE EYES AND MUCOUS MEMBRANES. CONTACT WITH THE SKIN DOES NOT PRODUCE ANY IMMEDIATELY IRRITATING EFFECTS IN MOST INDIVIDUALS. INGESTION OF LARGE AMOUNTS OF THE SUBSTANCE MAY CAUSE VOMITING, NAUSEA, AND GASTROINTESTINAL DISTURBANCES.

Explanation of Carcinogenic

ity:CARCINOGEN STATUS:NONE

Effects of Overexposure:EYE;PARTICULATES IN EYE MAY CAUSE LACRIMATION AND IRRITATION. SKIN:NO IMMEDIATE EFFECTS. INHALED:DUST IS IRRITATING AND MAY PRODUCE COUGHING OR DYSPNEA. INGESTED:INGESTION OF LARGE AMOUNTS MAY CAUSE NAUSEA, VOMITING AND ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN ON MSDS BY MFR.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN.

SKIN:WASH WITH SOAP

& WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE.

INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY.

INGESTED:DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

IF VOMITING OCCURS, POSITION TO MINIMIZE POSSIBILITY OF ASPIRATION.

IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE, WATER SPRAY, DRY CHEMICAL OR

REGULAR FOAM

Fire Fighting Procedures:FOR LARGER FIRES, USE WATER SPRAY, FOG OR REGULAR FOAM.

Unusual Fire/Explosion Hazard:NO ACUTE HAZARD. MOVE CONTAINER FROM FIRE AREA IF W/O RISK. AVOID BREATHING VAPORS OR DUSTS. KEEP UPWIND.

===== Accidental Release Measures =====

Spill Release Procedures:SWEEP UP AND PLACE IN SUITABLE (FIBERBOARD) CONTAINERS FOR RECLAMATION OR DISPOSAL.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY MFR.

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

Other Precautions:NONE

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

Respiratory Protection:THE SPECIFIC RESPIRATOR SELECTED SHOULD BE BASED ON THE LEVELS OF CONTAMINATION IN THE WORKPLACE. FISHER REQUIRES THAT THEY CARRY NIOSH AND MSHA APPROVAL. THEY VARY FROM A SIMPLE DUST/MIST RESPIRATOR TO AN SCBM DEPENDING ON THE EXPOSURE.

Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION.

Protective Gloves:NOT REQUIRED BUT RECOMMENDED

Eye Protection:NOT REQUIRED BUT RECOMMENDED

Other Protective Equipment:PROTECTIVE CLOTHING NOT REQUIRED BUT RECOMMENDED

Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

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= Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:487F/253C

Decomp Temp:Decomp Text:487F,253C

Spec Gravity:POWDER

pH:7

Solubility in Water:97%

Appearance and Odor:COLORLESS TO WHITE, DELEQUESCENT, CRYSTALS, GRANUALS, OR POWDER FORMIC ACID ODO

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

Stability Indicator/Materials to Avoid:YES

ACIDS. REACTS TO FORM CORROSIVE FORMIC ACID FUM

ES.

Stability Condition to Avoid:HEAT.

Hazardous Decomposition Products:FORMIC ACID FUMES. FROM THERMAL  
DECOMPOSITION, TOXIC SODIUM OXIDE FUMES.

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

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS  
WHEN STORING OR DISPOSING OF THIS MATERIAL. FOR ASSISTANCE CONTACT  
DISTRICT DIRECTOR OF THE ENVIRONMENTAL PROTECTION AGENCY.

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