

HOECHST CELANESE CHEMICAL GROUP -- SODIUM FORMATE -- 6850-00-063-6904

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

Product ID:SODIUM FORMATE

MSDS Date:01/24/1994

FSC:6850

NIIN:00-063-6904

MSDS Number: CCLMT

=== Responsible Party ===

Company Name:HOECHST CELANESE CHEMICAL GROUP

Address:1601 W. LBJ FREEWAY

Box:819005

City:DALLAS

State:TX

ZIP:75381

Country:US

Info Phone Num:214-277-4000

Emergency Phone Num:80

0-835-5235/800-424-9300(CHEMTREC)

CAGE:0RIR4

=== Contractor Identification ===

Company Name:HOECHST CELANESE CORP

Box:1026

City:CHARLOTTE

State:NC

ZIP:28201-1026

Country:US

Phone:800-253-2637

CAGE:0RIR4

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

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

CAS:141-53-7

RTECS #:LR0350000

Fraction by Wt: 91-98.4%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PENTAERYTHRITOL

CAS:115-77-5

RTECS #:RZ2490000

Fraction by Wt: 0-2%

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her REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3; 9596

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 0-2%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (MICE): 11.2 G/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 EXPECTED TO HAVE A
LOW DEGREE O
F ACUTE TOXICITY. TOXICITY STUDIES HAVE SHOWN IT TO BE
NON-IRRITATING TO THE SKIN AND MILDLY IRRITATING TO THE EYES. IT IS
PRACTICALLY NON-TOXIC BY ING ESTION.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:MAY CAUSE EYE IRRITATION.
Medical Cond Aggravated by Exposure:SIGNIFICANT EXPOSURE TO THIS
CHEMICAL MAY ADVERSELY AFFECT PEOPLE WITH CHRONIC DISE
ASE OF THE
RESPIRATORY SYSTEM, SKIN OR EYES.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: INDUCE VOMITING OF CONSCIOUS PATIENT
IMMEDIATELY BY GIVING 2 GLASS
ES OF WATER AND PRESSING FINGER DOWN
THROAT. GET MD

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES;
ALCOHOL-TYPE AQUEOUS FILM-FORMING FOAM OR WATER SPRAY FOR LARGE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND
CONTAINERS EXPOSED TO FIRE

WITH WATER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. AVOID EYE OR SKIN CONTACT. PLACE LEAKING CONTAINERS IN WELL-VENTILATED AREA WITH SPILL CONTAINMENT. USE ABSORBENT MATERIALS TO COLLECT SPILL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precaution

s:STORE IN A COOL, WELL-VENTILATED AREA.

KEEP AWAY FROM FLAME. WHEN TRANSFERRING, FOLLOW PROPER GROUNDING PROCEDURES. AVOID GENERATION OF EXCESSIVE DUST

Other Precautions:AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DECONTAMINATED SOILED CLOTHING THOROUGHLY BEFORE REUSE.

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

Respiratory Protection:DUST AND MIST RESPIRATOR.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS

REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:IMPERVIOUS GLOVES: NEOPRENE, RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

pH:8.5

Evaporation Rate & Reference:NOT GIVEN SOLID

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE CRYSTALLINE GRANULES, NO ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG MINERAL ACIDS SUCH

AS SULFURIC ACID.

Stability Condition to Avoid:FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE.

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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