

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

CAGE:0RIR4

=== Contractor Ident

ification ===

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%

Other 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

===== 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 OF ACUTE TOXICITY. TOXICITY STUDIES HAVE SHOWN IT TO BE NON-IR

RITATING 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 DISEASE 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 GLASSES 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 MANU

FACTURER.

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

Spill Release Procedures:ELIMINATE IGNTION SOURCES. AVOID EYE OR SKIN
NCONTACT. PLACE LEAKING CONTAINERS IN WELL-VENTIATED AREA WITH
SPILL CONTAINMENT. USE ABSORBENT MATERAILS TO COLLECT SPILL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, WELL-VENTILATED AREA.
KEEP AWAY FROM FLAME
. WHNE TRANSFERRING, FOLLOW PROPER GROUNDING
PROCEDURES. AVOID GENERATION OF EXCESSIVE DUST
Other Precautions:AVOID BREATING 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 =====
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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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