

C AND H ENTERPRISES INC -- C&H 14EX -- 6850-01-415-7686

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Product Identification  
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Product ID:C&H 14EX  
MSDS Date:10/03/2001  
FSC:6850  
NIIN:01-415-7686  
Status Code:A  
MSDS Number: CLSFS  
=== Responsible Party ===  
Company Name:C AND H ENTERPRISES INC  
Address:222 STARKEY ST  
City:SAINT PAUL  
State:MN  
ZIP:55107  
Country:US  
Info Phone Num:651-227-4343/FAX: 651-227-2485  
Emergency Phone Num:800-228-56  
35 EXT 005  
Preparer's Name:NOT PROVIDED  
CAGE:0ZAU9  
=== Contractor Identification ===  
Company Name:C AND H ENTERPRISES INC  
Address:222 STARKEY ST  
Box:City:SAINT PAUL  
State:MN  
ZIP:55107  
Country:US  
Phone:651-227-4343/FAX: 651-227-2485  
Contract Num:SP0450-02-M-M302  
CAGE:0ZAU9

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Composition/Information on Ingredients  
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Ingred Name:SODIUM METASILICATE  
CAS:6834-92-0  
RTECS #:VV9275000  
&lt; Wt:50.  
Other REC Limits:2 MG/M3 PQ CORP.

Ingred Name:DIETHYLENE GLYCOL BUTYL ETHER  
CAS

:112-34-5  
RTECS #:KJ9100000  
= Wt:1.4  
Other REC Limits:NOT PROVIDED

Ingred Name:TRIETHANOLAMINE  
CAS:102-71-6  
RTECS #:KL9275000  
&lt; Wt:5.  
Other REC Limits:NOT PROVIDED  
ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:NOT PROVIDED  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EFFECTS OF ACUTE EXPOSURE: EYES -  
SEVERE IRRITATION OR BURNS POSSI  
BLE. SKIN - IRRITATION OR BURNS  
POSSIBLE WITH PROLONGED CONTACT. SWALLOWING - IRRITATION OR BURNS  
OF MOUTH, THROAT AND STOMACH. STOMA CH UPSET. EFFECTS OF CHRONIC  
EXPOSURE: UNKNOWN; NONE EXPECTED BEYOND ACUTE EFFECTS.  
Explanation of Carcinogenicity:PRODUCT OR ITS INGREDIENTS HAVE NOT BEEN  
IDENTIFIED AS A CARCINOGEN OR POSSIBLE CARCINOGEN BY NTP, IARC  
MONOGRAPHS, OR OSHA.  
Effects of Overexposure:NOT PROVIDED  
Medical Cond Aggravated by Exposure:DERMATITIS AND SIMILAR SKIN  
DISORDERS.

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

First Aid:EYES - IMMEDIATELY FLUSH WITH COOL RUNNING WATER HOLDING EYE  
LIDS APART. REMOVE CONTACT LENSES IF PRESENT, AND CONTINUE FLUSHING  
FOR 15 MINUTES. GET MEDICAL ASSISTANCE. SKIN -IMMEDIATELY FLUSH  
WITH WA TER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING. IF  
IRRITATION OR BURN DEVELOPS AND PERSISTS, GET MEDICAL ADVICE OR  
ASSISTANCE. INHALED - REMOVE TO FRESH AIR. IMMEDIATELY CALL FOR

MEDICAL ADVICE OR ASSISTANCE IF BREATHING DIFFICULTY OR IRRITATION IS SEVERE/CONTINUES. SWALLOWED - RINSE MOUTH WITH WATER. DRINK WATER, MILK/OTHER FLUIDS TO DILUTE. DO NOT INDUCE VOMITING UNLESS DIRECTED BY MEDICAL PERSON. CALL FOR MEDICAL ADVICE/ASSISTANCE.

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

Flash Point:NOT PROVIDED

Extinguishing Media:AS NEEDED FOR SURROUNDING FIRE.

Fire Fighting Procedures:FOR ANY CHEMICAL FIRE WEAR SELF-CONTAINED BREATHING APPARATUS, AND PROTECTIVE CLOTHING TO PREVENT CONTACT.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:SMALL SPILLS, LESS THAN 2 POUNDS: RECOVER AS PRACTICAL. FLUSH SPILL AREA TO DRAIN WITH EXCESS WATER. LARGE SPILLS: ONLY KNOWLEDGEABLE AND PROPERLY PROTECTED PEOPLE SHOULD WORK WITH A LARGE SPILL. GET PROFESSIONAL ASSISTANCE IF NECESSARY. CONTAIN AND RECOVER. KEEP FROM DISCHARGING TO SURFACE WATER. NOTIFY

LOCAL, STATE OR NATIONAL AUTHORITIES IF REQUIRED.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED. KEEP PRODUCT DRY TO PREVENT CAKING. PREVENT CONTACT WITH INCOMPATIBLE MATERIALS.

Other Precautions:AVOID UNNECESSARY CONTACT W/PRODUCT. AVOID BREATH PRODUCT DUST, OR MISTS OF SOLUTION OF PRODUCT. WASH IMMEDIATELY AFTER CONTACT. WASH AFTER USE. CLEANUP SPILLS PROMPTLY TO PREVENT ACCIDENTAL CONTACT.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WEAR NIOSH/MSHA APPROVED RESPIRATOR WHERE CONDITIONS MAY CAUSE EXPOSURE LIMITS TO BE EXCEEDED FROM DUST OF PRODUCT OR MISTS OF SOLUTIONS.

Ventilation:GENERAL OR LOCAL TO AVOID EXPOSURE TO DUST OR MISTS OF SOLUTIONS.

Protective Gloves:CHEMICAL RESISTANT IMPERMEABLE GLOVES AS NEEDED TO PREVENT EXCESSIVE CONTACT.

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Eye Protection:GLASSES, GOGGLES, FACE SHIELD TO PREVENT EYE EXPOSURE  
Other Protective Equipment:FULL BODY COVERING AND SHOES AS NEEDED TO  
PREVENT EXCESSIVE CONTACT. EYE WASH STATION IN WORK AREA.  
Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH  
AFTER CONTACT. WASH AFTER USE.  
Supplemental Safety and Health  
ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =  
UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT  
DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:B3  
NRC/State Lic Num:NOT RELEVANT  
Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED  
Decomp Temp:Decomp Text:NOT PROVIDED  
Vapor Density:N/E  
pH:12+/-0.5 (2%)  
Viscosity:NOT PROVIDED  
Evaporation Rate & Reference:NOT AVAILABLE  
Solubility in Water:COMPLETE  
Appearance and Odor:FREE FLOWING WHITE POWDER (ALKALINE DETERGENT)  
Percent Volatiles by Volume: