

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

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

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:800-228-563
5 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 =====

Ingred Name:SODIUM METASILICATE
CAS:6834-92-0
RTECS #:VV9275000
< 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
< 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 POSSIB
LE. 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
M

EDICAL 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.

===== 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.

===== 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

===== 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.

===== 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.

Eye

e 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 ESTABLISH
ED.

===== 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: