

C AND H CHEMICAL INC -- C & H 14EX SPRAY DETERGENT -- 6850-01-415-7686

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Product Identification
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Product ID:C & H 14EX SPRAY DETERGENT

MSDS Date:12/08/1998

FSC:6850

NIIN:01-415-7686

Status Code:A

MSDS Number: CJSMV

=== Responsible Party ===

Company Name:C AND H CHEMICAL INC

Address:222 STARKEY ST

City:SAINT PAUL

State:MN

ZIP:55107

Country:US

Info Phone Num:612-227-4343

Emergency Phone Num

:800-228-5635 EXT.005

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:SP0450-99-M-C843

CAGE:0ZAU9

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Composition/Information on Ingredients
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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

Ingred Name:TRIEETHANOLAMINE

CAS:102-71-6

RTECS #:KL9275000

< Wt:1.

ACGIH TLV:5 MG/M3

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

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

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

Health Hazards Acute and Chronic:EYES - SEVERE IRRITATION, OR BURNS
POSSIBLE. SKIN - IRRITATION, OR BURNS POSSIBLE WITH PROLONGED
CONTACT.INHALATION OF DUST OF PRODUCT OR MIST OF SOLUTION -
IRRITATI

ON OF RESPIRATORY TRACT. SWALLOWING - IRRITATION OR BURNS
OF MOUTH, THROAT AND STOMACH. STOMACH UPSET. CHRONIC: NONE EXPECTED
BEYOND ACUTE EFFECTS. CONTAINS LESS THAN 5% AMINES. THERE COULD
POSSIBLY BE LIVER OR KIDNEY EFFECTS WITH EXTE NSIVE OVER EXPOSURE,
BASED ON ANIMAL STUDIES OF AMINES. ADDITIONALLY, SOME PEOPLE
DEVELOPE SKIN SENSITIZATION.

Explanation of Carcinogenicity:THIS PRODUCT OR ITS INGREDIENTS HAVE NOT
NEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN
BY NTP,

IARC OR OSHA.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:DERMATITIS & SIMILAR SKIN DIORDERS.

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

First Aid:EYES-IMMEDIATELY FLUSH WITH COOL RUNNING WATER HOLDING EYE
LIDS APART. REMOVE CONTACT LENSES IF PRESENT, CONTINUE FLUSHING FOR
15 MIN. GET MEDICAL ASSISTANCE. SKIN-IMMEDIATELY FLUSH WITH COOL
RUNNING WATER FOR 15 MIN. REMOVE CONTAMINATED CLOTHING ; WAS

H

BEFORE REUSE. IF IRRITATION OR BURN DEVELOP & PRESISTS, GET MEDICAL
ADVICE OR ASSISTANCE. INHALED-REMOVE TO FRESH AIR. IMMEDIATELY CALL
FOR MEDICA L ADVICE OR ASSISTANCE IF BREATHING DIFFI-CULTY OR
IRRITATION IS SEVERE OR CONTINUES. SWALLOWED-RINSE MOUTH WITH LARGE
AMOUNTS OF WATER. DRINK WATER, MILK OR OTHER FLUIDS TO DILUTE.DO
NOT INDUCE VOMIT ING UNLESS DIRECTED

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

Extinguishing Media:AS NEEDED FOR S

URROUNDING 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 PR

OFSSIONAL ASSISTANCE IF NECESSARY.

STOP SOURCE OF DIS-CHARGE IF SAFE TO DO SO. EVACUATE UNPROTECTED PERSONNEL FROM THE IMMEDIATE AREA. KEEP MATERIAL DRY. CONTAIN SPILLED MATERIAL

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID UNNECESSARY CONTACT WITH PRODUCT. AVOID BREATHING PRODUCT DUST, OR MISTS OF SOLUTION OF PRODUCT. WASH IMMEDIATELY AFTER CONTACT. WASH AFTER USE. CLEAN UP

SPILLS PROMPTLY TO PREVENT ACCIDENTAL CO N TACT. PREVENT CONTACT WITH INCOMPATBLE MATERIALS; SEE SECTION 10.

Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED. KEEP PRODUCT DRY TO PREVENT CAKING.

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

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

Ventilation:GENERAL OR

LOCAL TO AVOID EXPOSURE TO IRRITATING PRODUCT DUST OR MISTS OF SOLUTIONS.

Protective Gloves:CHEMICAL RESISTANT, IMPERMEABLE.

Eye Protection:GLASSES, GOGGLES, OR FACE SHIELD.

Other Protective Equipment:FULL BODY COVERING COVERING AND SHOES AS NEEDED TO PREVENT EXCESSIVE CONTACT. EYE WASH STATIONS IN THE WORK AREA.

Work Hygienic Practices:WASH IMMEDIATELY AFTER CONTACT. WASH AFTER USE.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

===== Physical/Chemica

I Properties =====

HCC:B3

Boiling Pt:B.P. Text:N.E

Vapor Pres:N.E.

Vapor Density:N.E.

Spec Gravity:N.E.

pH:12 + .5

Evaporation Rate & Reference:N.A

Solubility in Water:COMPLETE

Appearance and Odor:FREE FLOWING WHITE POWDER.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS.

Stability Condition to Avoid:CONTACT WITH INCOMPATIBLE MATERIALS

Hazardous Decomposition Products:OXIDES

OF CARBON AND NITROGEN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:NONE SPECIFIED BY MANUFACTURER.

===== Ecological Information =====

Ecological:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:PRODUCT AND UN-NEUTRALIZED SOLUTIONS ARE ALKALINE. NORMALLY SEWER DISPOSABLE IN DILUTE SOLUTIONS. CHECK WITH LOCAL AUTHORITIES ABOUT ANY POSSIBLE RESTRICTIONS.

===== MSDS Transport Information =====

Transport Information:NONE SPECIFIED BY MANUFACTURER.

===== Regulatory Information =====

SARA Title III Information:DIETHYLENE GLYCOL BUTYL ETHER IS LISTED IN INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF EPCRA.

Federal Regulatory Information:NONE SPECIFIED BY MANUFACTURER.

State Reg

ulatory Information:NONE SPECIFIED BY MANUFACTURER.

===== Other Information =====

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