

NATIONAL CHEMSEARCH DIV OF NCH CORP. -- ND-150 -- 6850-00-093-3598

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

Product ID:ND-150

MSDS Date:07/25/1990

FSC:6850

NIIN:00-093-3598

MSDS Number: BCYMQ

=== Responsible Party ===

Company Name:NATIONAL CHEMSEARCH DIV OF NCH CORP.

Address:2727 CHEMSEARCH BLVD.

Box:152170

City:IRVING

State:TX

ZIP:75062

Country:US

Info Phone Num:214-438-1381

Emergency Phone Num:214-438

-1381

Preparer's Name:LANCE PETERSEN CHEMIST

CAGE:DO481

=== Contractor Identification ===

Company Name:NATIONAL CHEMSEARCH DIV OF NCH CORP

Address:2727 CHEMSEARCH BLVD

Box:152170

City:IRVING

State:TX

ZIP:75015-5000

Country:US

Phone:972-438-1381

CAGE:DO481

Company Name:NCH CORP

Address:2727 CHEMSEARCH BLVD

Box:152170

City:IRVING

State:TX

ZIP:75015-2170

Country:US

Phone:972-438-0563

CAGE:20913

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

Ingred Name:2-BUTOXYETHANOL

CAS:11

1-76-2
RTECS #:KJ8575000
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:SODIUM METASILICATE
CAS:6834-92-0
RTECS #:VV9275000
Other REC Limits:NONE SPECIFIED

Ingred Name:"NOT HAZARDOUS" - NAMES AND CAS NUMBERS ARE PROTECTED UNDER
NJ TRADE.
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 1480 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports
of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-INHALATION:UPPER RESPIRATORY
TRACT IRRITATION.SKIN:REDDENING &
IRRITATION.EYES:TEARING,IRRITATION & DISCOMFORT.INGESTION:MAY CAUSE
NAUSEA,DIARRHEA & IRRITATION.CHRONIC-INHALATION:DAMAGE TO UPPER
RESPIRATORY TRACT.EYES:BLINDNESS.SKIN:DESTRUCTION & DERMATITIS.
Effects of Overexposure:SEE HEALTH HAZARDS SECTION. TARGET
ORGANS:LIVER, KIDNEY, LYMPHOID SYSTEM, SKIN, EYES AND RESPIRATORY
SYSTEM
.
Medical Cond Aggravated by Exposure:PRE-EXISTING LIVER, KIDNEY, SKIN,
BLOOD, EYES AND RESPIRATORY SYSTEMS MAY BE EXACERBATED BY PROLONGED
EXPOSURE TO THIS PRODUCT.

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

First Aid:CALL A PHYSICIAN IF NECESSARY.INHALATION:REMOVE TO FRESH
AIR.GIVE CPR IF NEEDED.EYES:FLUSH WITH WATER FOR 15
MINUTES.SKIN:WASH WITH PLENTY OF WATER.INGESTION:DON'T INDUCE
VOMITING.IF CONSCIOUS,GIVE SEVERAL GLASSES OF ORANGE JUICE.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:USE WATER SPRAY, "ALCOHOL" FOAM, CO2, DRY CHEMICAL FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:NONE KNOWN

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

Sp

ill Release Procedures:STOP LEAKS. CONTAIN SPILL. REMOVE BY WET VACUUM OR ABSORBENT.REUSE SPILLED MATERIAL IF POSSIBLE. OTHERWISE, PLACE IN CONTAINER.FLUSH REMAINING RESIDUE TO DRAIN.

Neutralizing Agent:DILUTE (10%) HCL OR FLUSH WITH LARGE AMOUNT OF WATER.

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

Handling and Storage Precautions:STORE IN A COOL & DRY AREA.KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT TAKE INTERNALLY. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NONE NORMALLY REQUIRED.IN AN EMERGENCY SITUATION, WEAR NIOSH APPROVED RESPIRATOR.

Ventilation:GENERAL VENTILATION.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health
AVOID PROLONGED SKIN CONTACT.

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

HCC:B3

Boiling Pt:B.P. Text:210F,99C

Vapor Pres:17

Vapor Density:0.6

Spec Gravity:1.01

pH:12.2

Evaporation Rate & Reference:0.10 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:YELLOW-GREEN TRANSPARENT LIQUID, BUTYL ODOR

Percent Volatiles by

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

Stability Indicator/Materials to Avoid:YES
OVEREXPOSURE:DARKENS ALUMINUM, TIN, ZINC. ETCHES: ANODIZED ALUMINUM AND GLASS IF LEFT TO DRY.
Stability Condition to Avoid:FLAMES
Hazardous Decomposition Products:MAY EMIT ACRID SMOKE.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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