

CERTIFIED LABS DIV OF NCH CORP -- NF-1000 AEROSOL, 5078 -- 6850-00N016288

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

Product ID:NF-1000 AEROSOL, 5078
 MSDS Date:05/15/1989
 FSC:6850
 NIIN:00N016288
 MSDS Number: BKRWL
 === Responsible Party ===
 Company Name:CERTIFIED LABS DIV OF NCH CORP
 Box:152170
 City:IRVING
 State:TX
 ZIP:75015
 Country:US
 Info Phone Num:214-438-1381
 Emergency Phone Num:214-438-1381
 Preparer's Name:KEVIN UHL
 CAGE:20913

===== Contractor Identification =====

Company Name:CERTIFIED LABS DIV OF NCH CORP
 Box:152170
 City:IRVING
 State:TX
 ZIP:75015
 Country:US
 Phone:214-438-1381972-438-1381
 CAGE:53417
 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:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)
 CAS:71-55-6
 RTECS #:KJ2975000
 OSHA PEL:350 PPM/450 STEL
 ACGIH TLV:350 PPM/450STEL;9192
 EPA Rpt Qty:1000 LBS
 DOT Rpt Qty:1000 LBS
 Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:LD50:(ORAL,RAT) 10,000 MG/KG.
 Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
 Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
 Health Hazards Acute and Chronic:ACUTE:CAUSE DIZZ, DRUNKENESS & DROW,
 UNCON & EVEN DEATH AT EXTREME DOSES. SKIN: MILDLY IRRIT. INGEST:
 UNLIKELY BECAUSE PROD IS AN AEROSOL. NON-TOXIC IF INGESTED.
 CHRONIC: INHAL: LOW SYS TOXICITY. IN 1 000 PPM RANGE CAUSE

NARCOSIS. SKIN: PRLNG/RPTD EXPOS CAN CAUSE DERMATITIS THROUGH DEFATTING. MAY CAUSE CONJUNCTIVITIS.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:SEE HEATH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL: REMOVE TO FRESH AIR. SUPPORT BRTHNG. (GIVE O*2/ART RESP). SEEK MEDICAL ATTN IMMED. EYES: FLUSH W/LARGE AMTS OF H*2O FOR AT LEAST 15 MIN HOLDING EYELIDS APART TO ENSURE FLUSHING OF THE ENT IRE EYE. SEEK MEDICAL ATTN IMMED. SKIN:REMOVE CONTAM CLOTHING & FLUSH EXPOSED AREAS W/H*2O FOR 5-15 MIN. INGEST: DO NOT INDUCE VOMITING. CALL MD & OBTAIN MEDICAL ATTN. NOTE TO MD: (SEE SUPP DATA).

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

Flash Point Method:COC

Flash Point:NONE

Lower Limits:5% @ 25 C

Upper Limits:16.7% @ 25C

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE HCL AND PHOSGENE .

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

Spill Release Procedures:SMALL LEAKS: MOP UP, WIPE UP, OR SOAK UP IMMED. REMOVE TO OUT-OF-DOORS. LARGE SPILLS: EVACUATE AREA, CONTAIN LIQUID: TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID BRTHNG VAPS. STORE IN COOL, DRY PLACE. VAPS ARE HEV/AIR & WILL COLLECT IN LOW AREAS. DO NOT ENTER THESE AREAS W/SUSPENDED VAPS. (SEE OTHER PREC)

Other Precautions:HNDLG/STRG:DO NOT USE W/POWDERED ZINC/ALUMINUM. ALWAYS FOLLOW LABEL DIRECTIONS. NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF ARC WELDING/OPEN FLAMES/HOT SURFACES. HEAT &/OR UV RADIA MAY CAUSE FORMATION OF HCL &/OR PHOSGENE

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

Respiratory Protection:APPROVED ORGANIC VAPOR-TYPE RESPIRATOR REQUIRED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. FOR EMERGENCIES. A NIOSH/MSHA APPROVED POS-PRESS BRTHG APPARATUS/A FULL-FACE RESPIRATOR WITH AN APPROVED OR GANIC VAPOR CANISTER IS RECOMMENDED.

Ventilation:CONTROL VAPS TO STANDARD. GENERAL EXHAUST IS USUALLY ADEQUATE.

Protective Gloves:VITON, NEOPRENE OR POLYVINYL ALCOHOL.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC:BECAUSE RAPID ABSORP MAY OCCUR THRU LUNGS, DECISION OF WHETHER TO INDUCE VOMIT SHOULD BE BY MD. IF LAVAGE IS PERFORMED. SUGGEST ENDOTRACHEAL &/OR ESOPHAGEAL CONTROL. DANGER MUST BE WEIGHED AGAINST TOXICITY. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TRTMT BASED ON JUDGEMENT OF MD IN RESPONSE TO PATIENT.

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

HCC:V3

Boiling Pt:B.P. Text:162F,72C

Vapor Pres:100

Vapor Density:4.6

Spec Gravity:1.298

Evaporation Rate & Reference:0.75

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER WHITE, CLEAR, CHLOR HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES

WATER, ALUMINUM AND ITS ALLOYS.

Stability Condition to Avoid:OPEN FLAMES. WELDING ARCS, OR OTHER HIGH TEMPERATURE SOURCES WHICH INDUCE THERMAL DECOMPOSITION.

Hazardous Decomposition Products:HYDROGEN CHLORIDE AND VERY SMALL AMOUNTS OF PHOSGENE AND CHLORINE.

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

Waste Disposal Methods:SEND SOLV TO LICENSED RECLAIMER. INCINERATE.

EVAPORATE VERY SMALL AMTS,/SEND TO APPROVED LANDFILL BURIAL I/A/W LOCAL, STATE & FED REGS. DUMPING INTO SEWERS, ON THE GROUND, OR INTO ANY BODY OF H*2O IS STRONGLY DISCOURAGED & MAY BE ILLEGAL.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.