

# NATIONAL CHEMSEARCH -- NATURALIZER AEROSOL -- 6850-00N047959

## ===== Product Identification =====

Product ID:NATURALIZER AEROSOL  
MSDS Date:06/18/1990  
FSC:6850  
NIIN:00N047959  
MSDS Number: BTYJF  
=== Responsible Party ===  
Company Name:NATIONAL CHEMSEARCH  
Box:152170  
City:IRVING  
State:TX  
ZIP:75015  
Country:US  
Info Phone Num:214-438-1381  
Emergency Phone Num:214-438-1381  
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:CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)-;  
(D-LIMONENE). LD50:(ORAL,RAT)4400 MG/KG  
CAS:5989-27-5  
RTECS #:GW6360000  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:GLYCOLS, POLYETHYLENE, MONO(P-NONYLPHENYL)ETHER;  
(NONYLPHENOXYPOLYETHOXYETHANOL). LD50:(ORAL,RAT)2210 MG/KG  
CAS:26027-38-3  
RTECS #:MD0906000  
OSHA PEL:N/K  
ACGIH TLV:N/K

## ===== Hazards Identification =====

LD50 LC50 Mixture:SEE INGREDIENT  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: MAY BE IRRITATING TO EYES &  
SKIN. MAY CAUSE DEFAT. INGEST OF LG QTY CAN CAUSE NAUS, CRAMPS,  
VOMIT & DIARR. ASPIR OF MATL INTO LUNGS CAN CAUSE CHEM PNEUM WHICH  
CAN BE FATAL. EXCESS BRTHG OF VAPS /SPRAY MIST CAN LEAD TO NASAL &  
RESP IRRIT. CHRONIC: MARKED IRRIT TO EYES. EXCESS OVEREXP TO SKIN  
CAN (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:HLTH HAZ: CAUSE DERMATITIS & CHAPPING. TARGET  
ORGANS: EYES, SKIN, RESPIRATORY SYSTEM. ING 1: HAS BEEN SHOWN TO BE  
A DERMAL SENSITIZER & REPRODUCTIVE & TERATOGENIC EFTS IN SOME  
STUDIES. ING 2: EYE IRRIT. SEV IRRITANT-BLOOD VESSLES GROWING ON  
CORNEA OF EYE.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL: REMOVE TO FRESH AIR & PROVIDE SUPPORTIVE MEASURES.  
EYE: FLUSH W/LG AMTS OF WATER FOR @ LST 15 MIN, LIFTING LIDS OCCAS.  
GET MED ATTN IF IRRIT PERSISTS. TRTMT IS MOST EFTIVE W/IN MIN.

SKIN: THORO WASH EXPOSED AREA W/SOAP & WATER. REMOVE CONTAMD  
CLTHG. LAUNDER CONTAMD CLTHG BEFORE REUSE. APPLY EMOLLIENT RICH  
CREAM. IF IRRIT DEVELOPS, SEEK MED ATTN. INGEST: DO NOT INDUCE  
VOMIT, KEEP (SUPDAT)

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

Flash Point Method:TCC  
Flash Point:116F,47C  
Extinguishing Media:FOAM, CO\*2, DRY CHEMICAL, WATER SPRAY.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:SPRAY EXPOSED AEROSOL CONTAINERS WITH  
WATER SPRAY TO AVOID RUPTURING.

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

Spill Release Procedures:AEROSOL PACKAGING MAKES MAJOR SPILL UNLIKELY.  
ELIMINATE ALL IGNITION SOURCES. USE ABSORBENT SUCH AS PAPER,  
VERMICULITE, ETC TO CONTAIN SPILL. DO NOT FLUSH TO SEWER. PLACE  
INTO LAELED CONTAINERS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM IGNITION SOURCES.  
STORAGE TEMP: INDOOR: BETWEEN 30F-120F.  
Other Precautions:KEEP AWAY FROM CHILDREN. READ ENTIRE LABEL BEFORE  
USING PRODUCT.

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

Respiratory Protection:TYPICAL USE OF PRODUCT DOES NOT REQUIRE THE USE  
OF A RESPIRATOR. IF PRODUCT IS MISTED, USE NIOSH/MSHA APPROVED MASK  
FOR SPRAY MISTS.  
Ventilation:LOCAL EXHAUST VENTILATION SUFFICIENT TO MAINTAIN WORKPLACE  
CONCENTRATION BELOW PERMISSIBLE EXPOSURE LIMITS.  
Protective Gloves:NEOPRENE/NITRILE RUBBER.  
Eye Protection:ANSI APPRVD CHEM WORK GOGGLES .  
Other Protective Equipment:APRON SHOULD BE WORN DEPENDING ON SEVERITY  
OF EXPOSURE.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
SPEC GRAV:0.838-0.843(H\*20=1). FIRST AID PROC: WARM, QUIET, & GET MED  
ATTN. ASPIR OF MATL INTO LUNGS DUE TO VOMIT CAN CAUS CHEMICAL  
PNEUMONITIS WHICH CAN BE FATAL. NOTES TO PHYS: GASTRIC LAVAGE IS  
IND ICATED. DO NOT INDUCE VOMITING.

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

Boiling Pt:B.P. Text:375F,191C  
Spec Gravity:SUPP DATA  
pH:8-9  
Evaporation Rate & Reference:1(BUTYL ACETATE=1)  
Solubility in Water:SLIGHT  
Appearance and Odor:WATER WHITE TRANSPARENT, ORANGE ODOR  
Percent Volatiles by Volume:85

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS SUCH AS LIQUID CHLORINE, LIQUID OXYGEN AND SODIUM OR  
CALCIUM HYPOCHLORITES.  
Stability Condition to Avoid:AVOID EXPOSURE TO HEAT (TEMP 120F)  
SPARKS/OPEN FLAME.  
Hazardous Decomposition Products:OXIDES OF CARBON AND ACRID SMOKE.

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

Waste Disposal Methods:DISPOSE OF I/A/W APPLICABLE FEDERAL, STATE AND  
LOCAL REGULATIONS. DISPOSE OF EMTPY AEROSOL CONTR BY WRAPPING  
SEVERAL LAYERS OF NEWSPAPER AROUND CAN AND DISCARDING IN TRASH.

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