

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;
(NONYLPHENOXYPOLYETHOXETHANOL). 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 IRRI T. SEV IRRITANT-BLOOD VESSELS 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, CO², 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(H²O=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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