

NATIONAL CHEMSEARCH DIV -- AR-19, 0085 -- 8030-01-046-4475

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

Product ID:AR-19, 0085  
MSDS Date:11/11/1987  
FSC:8030  
NIIN:01-046-4475  
MSDS Number: BLWCW  
=== Responsible Party ===  
Company Name:NATIONAL CHEMSEARCH DIV  
Box:152170  
City:IRVING  
State:TX  
ZIP:75015  
Country:US  
Info Phone Num:214-438-4144  
Emergency Phone Num:214-438-4144  
Preparer's Name:MARK COHEN  
CAGE:DO481

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= 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:ISOPROPYL ALCOHOL; (ISOPROPANOL)  
CAS:67-63-0  
RTECS #:NT8050000  
OSHA PEL:400 PPM;

500 PPM STEL

ACGIH TLV:400 PPM;500 PPM STEL

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:EXPOSURE TO LOW CONCENTRATIONS OF MIXTURE MAY RESULT IN MILD IRRITATION TO EYE/SKIN TISSUE.

CHRONIC:PRLNGD CONTACT CAN CAUSE APPRECIABLE IRRITATION TO EYES, LEADING TO CORNEA

L OPACITY IN SEPARAT ED SEVERE EXPOS.

INGESTION/INHALATION OF LARGE QUANTITIES OF VAPOR MAY CAUSE FLUSHING, HEADACHE, (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:DIZZINESS, MENTAL DEPRESSION, NAUSEA, VOMITING, NARCOSIS, ANESTHESIA, COMA. 100ML CAN BE FATAL.

Medical Cond Aggravated by Exposure:PERSONS W/SKIN CONDITIONS CAN BE AGGRAVATED BY EXPOSURE.

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

First A

id:INHAL:REMOVE FROM AREA TO FRESH AIR. GET MD IF IRRIT PERSISTS. EYE:GET MD IMMED. FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN HOLDING LIDS APART TO ENSURE FLUSHING OF ENTIRE EYE SURF. SKIN:WASH OFF W/P LENTY OF WATER. APPLY EMOLLIENT RICH CREAM IF IRRIT PERSISTS. INGEST:DO NOT INDUCE VOMIT. GIVE LG QTYS OF WATER. IF AVAIL, GIVE SEVERAL GLASSES OF CITRUS JUICE. NEVER GIVE ANYTHING BY MOUTH(SUPP DATA)

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

Flash Point Method:TOC

Flash Point:78.0F,25.6C

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES.

Unusual Fire/Explosion Hazard:WARNING:FLAMMABLE. KEEP AWAY FROM, SPARKS & OPEN FLAME.

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

Spill Release Procedures:SML:TAKE UP W/ABSORB MATL & PLACE IN NON-LEAKING CNTNRS SEALED TIGHT

FOR PROPER DISP. LG:WARNING, FLAMM.

EVACUATE HAZ AREA OF UNPROTECTED PERS. WEAR APPROP NIOSH/MSHA APPRVD RESP & PROT CLTHG. SHUT OF F SOURCE OF LEAK IF SAFE TO DO SO. (SUPP DATA)

Neutralizing Agent:LARGE AMOUNTS OF WATER.

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Handling and Storage  
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Handling and Storage Precautions:KEEP IN COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN. READ ENTIRE LABEL BEFORE USING PRODUCT. STORAGE TEMP:120F-MAX; 32F-MIN;STORE INDOORS/OUTDOORS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection  
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Respiratory Protection:IF EXPOSURE MAY/DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A NIOSH/MSHA APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. USE EITHER A FULL-FACE ATMOSPHERE-SUPPLYING RESPIRATOR OR AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:AREAS OF USE W/ADEQUATE VENTILATIONS SHOULD BE SUFFICIENT IN USE AS A GLASS CLEANER.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC:TO UNCONSCIOUS PERSON. GET MD IMMEDIATELY. SPILL PROC:CONTAIN SPILL. PUMP TO STORAGE VESSEL. FLUSH AREA.

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Physical/Chemical Properties  
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Boiling Pt:B.P. Text:175F,79C

Vapor Pres:25

Vapor Density:2

Spec Gravity:0.955

pH:6

Evaporation Rate & Reference:1.6 (BUTYL ACETATE = 1)

Solubility in Water:COMPLETE

COMPLETE

Appearance and Odor:TRANSPARENT, MILKY WHITE COLOR W/ISOPROPANOL ODOR.

Percent Volatiles by Volume:96

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:KEEP AWAY FROM HEAT AND OPEN FLAME.

Hazardous Decomposition Products:CO POSSIBLE

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Disposal Considerations  
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Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS CONCERNING HEALTH

POLLUTION. USE NON-LEAKING  
CONTAINERS.

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