

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 CORNE  
AL 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  
Aid: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 TIGH

T 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 =====

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 =====

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 =====

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

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

Percent Volatiles by Volume:96

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

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 =====

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

POLLUTION. USE NON-LEAKING  
CONTAINERS.

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