

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

=== 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

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== 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 CORNEAL OPACITY IN SEPARAT ED SEVERE EXPOS.

INGESTION/INHALATION O

F 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 PERS

ISTS. 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 Med

ia: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 UN

PROTECTED 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.

===== 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.

===== E
xposure 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 RESPIRATO R 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 Hyg

ienic 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.

===== 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/ISO
PROPANOL ODOR.

Percent Volatiles by Volume:96

===== 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

===== 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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