

CENTRY PHARMACEUTICALS INC -- ISOPROPYL RUBBING ALCOHOL 70% NDC00436-0441-28 --
6505-01-078-9605

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

Product ID:ISOPROPYL RUBBING ALCOHOL 70% NDC00436-0441-28

MSDS Date:10/16/1995

FSC:6505

NIIN:01-078-9605

MSDS Number: CCHYM

=== Responsible Party ===

Company Name:CENTRY PHARMACEUTICALS INC

Address:10377 HAGUE RD

City:INDIANAPOLIS

State:IN

ZIP:46256-3316

Country:US

In

fo Phone Num:317-849-4210

Emergency Phone Num:317-849-4210

CAGE:MO845

=== Contractor Identification ===

Company Name:CENTRY PHARMACEUTICALS INC

Address:10377 HAGUE RD

Box:City:INDIANAPOLIS

State:IN

ZIP:46256-3316

Country:US

Phone:317-849-4210

CAGE:MO845

Company Name:CENTURY PHARACEUTICALS INC

Address:10377 HAGUE RD.

Box:City:INDIANAPOLIS

State:IN

ZIP:46256

Country:US

Phone:317-849-4210

CAGE:54002

===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPYL ALCOHOL

(SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 70% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 30% %
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL-RAT): 5045 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic
:INHALATION OF VAPORS MAY CAUSE CNS
EFFECTS, RESPIRATORY TRACT IRRITATION, PULMONARY EDEMA. LIQUID MAY
BE IRRITATING TO SKIN AND EYES. PROLONGED SKIN CONTACT MAY RESULT
IN DERMATITIS. EYE CONTACT MAY R ESULT IN TEMPORARY CORNEAL DAMAGE.
INGESTION MAY CAUSE NAUSEA, VOMITING, CNS EFFECTS, GI TRACT
IRRITATION.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of O
verexposure:HEADACHE, NAUSEA, VOMITING, DIZZINESS,
DROWSINESS, IRRITATION OF RESPIRATORY TRACT, LOSS OF CONSCIOUSNESS,
PULMONARY EDEMA, SKIN IRRITATION, EYE IRRITATION, DERMATITIS,
TEMPORARY CORNEAL DAMAGE, NAUSE A, VOMITING, HEADACHES, DIZZINESS,
GASTROINTESTINAL IRRITATION, CNS DEPRESSION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHIL
E HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL
ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF OCCURS,
KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

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

Flash Point Method:CC
Flash Point:53.6F,12.0C
Lower Limits:2.00 %
Upper Limits:12.0 %
E

xtinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND
CONTAINERS EXPOSED TO FIRE WITH WATER.
Unusual Fire/Explosion Hazard:VAPOR IS FLAMMABLE AND HEAVIER THAN AIR
AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASHBACK. USE WATER TO
KEEP FIRE EXPOSED CONTAINERS COOL TO REDUCE PRESSURE.

===== Accidental Release Measures =====
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Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. SHUT OFF
IGNITION SOURCES. NO FLARES, SMOKING, OR FLAMES IN THE AREA. STOP
LEAK IF YOU CAN DO SO WITHOUT RISK. USE WATER SPRAY TO REDUCE
VAPORS. TAKE UP WITH SAND OR OTHER INERT NON-COMBUSTIBLE ABSORBENT
MATERIAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE
IN A COOL,
DRY, WELL-VENTIATED, FLAMMABLE LIQUID STORAGE AREA.
BOND AND GROUND CONTAINERS WHEN TRANSFERRING.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:RESPIRATORY PROTECTION REQUIRED IF AIRBORNE
CONCENTRATION EXCEEDS TLV. AT CONCENTRATIONS UP TO 1000 PPM, A
CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE IS
RECOMMENDED. ABOVE THIS USE SCB A.
Ventilation:EXHAUST VENTILATION SUFFI
CIENT TO KEEP AIRBORNE
CONCENTRATIONS BELOW RESPECTIVE TLV'S.
Protective Gloves:NEOPRENE
Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES
Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO
PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE
AVAILABLE.
Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER
BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.
Supplemental Safety and Health
REMOVE AND WASH CONTAMINATED CLOTHI

NG BEFORE REUSE.

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

HCC:F2

Boiling Pt:=82.C, 179.6F

Melt/Freeze Pt:=-89.C, -128.2F

Vapor Pres:33

Vapor Density:2.1

Spec Gravity:0.79-0.88

Evaporation Rate & Reference:2.83 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID WITH SLIGHT ODOR OF RUBBING
ALCOHOL

Percent Volatiles by Volume:100%

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

Stability Indicator/Materia

Is to Avoid:YES

STRONG OXIDIZING AGENTS, ALUMINUM, NITRIC ACID, SULFURIC ACID, AMINES
AND AMMONIA, HALOGEN ACIDS AND HALOGEN COMPOUNDS

Stability Condition to Avoid:HEAT, FLAME, OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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