

ROBINS A H CO INC -- CLYCOPYRROLATE INJECTION,AHR 76471,ROBINUL -- 6505-00-279-7691

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

Product ID:CLYCOPYRROLATE INJECTION,AHR 76471,ROBINUL

MSDS Date:09/25/1992

FSC:6505

NIIN:00-279-7691

MSDS Number: BXPTV

=== Responsible Party ===

Company Name:ROBINS A H CO INC

Box:26609

City:RICHMOND

State:VA

ZIP:23261-6609

Country:US

Info Phone Num:804-257-2000

Emergency Phone N

um:804-257-2000/800-424-9300(CHEMTREC)

CAGE:0DJZ0

=== Contractor Identification ===

Company Name:ROBINS A H CO INC

Address:2300 DARBYTOWN RD

Box:7672

City:RICHMOND

State:VA

ZIP:23231

Country:US

Phone:804-257-2000

CAGE:0DJZ0

Company Name:ROBINS, A.H. CO INC

Address:1407 SHERWOOD AVE

Box:26609

City:RICHMOND

State:VA

ZIP:23261-6609

Country:US

CAGE:04516

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

Ingred Name:GLYCOPYRROLATE

CAS:596-51-0

RTECS #:UY4337630

Fraction by Wt: 0.

02%
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: >1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 1150 MG/KG.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
& GI TR
ACTS. ACUTE- INHALE:EXPOSURE TO AEROSOL CAUSES
BRONCHODILATION. EYE:CAN CAUSE DILATION OF PUPILS. SKIN:CAN BE
ABSORBED THROUGH SKIN. ORAL:MAY CAUSE NEUROMU SCULAR BLOCKAGE, CNS
STIMULATION, CARDIOVASCULAR FFECTS, PARALYSIS. CHRONIC- ALLERGIC
REACTION, NERVOUSNESS, HEARTBURN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:STINGING, DRY, RED ITHCY EYES, DROWSINESS,
ANXIETY, FEVER, DISORIENTATION, RESTLESSNESS, MUSCULAR WEAKNESS,
DIZZINESS, HEADACHE, SEIZURES, C
ONVULSIONS, COMA, RAPID PULSE,
RAPID RESPIRATION, TACHYCARDI A, WEAK PULSE, HYPERTENSION OR
HYPOTENSION, RESPIRATORY DEPRESSION, THIRST, NAUSEA, VOMITING,
BLURRED VISION
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASES SUCH AS GLAUCOMA, HEPATIC, RENAL, CADIOVASCULAR AND GI
OBSTRUCTIVE DISEASE, ASTHMA MAY HAVE INCREASED SUSCEPTIBILITY TO
THE TOXICITY OF EXCESSIVE EXPOSURES.

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

Fir
st Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN.
SKIN:FLUSH WITH PLENTY OF WATER. INHALED:REMOVE TO FRESH AIR.
PROVIDE CPR/OXY GEN IF NEEDED. ORAL:IF CONSCIOUS, PROVIDE GASTRIC
LAVAGE. USE ACTIVATED CHARCOAL. CALL A PHYSICIAN/POISON CONTROL
CENTER IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, F

OAM OR DRY CHEMICAL

FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE.

Unusual Fire/Explosion Hazard:NEGLIGIBLE.

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

Spill Release Procedures:AVOID CONTACT. DO NOT BREATHE VAPOR OR MIST. ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL. PLACE IN A

CONTAINER FOR CHEMICAL WASTE. WASH AREA WITH SOAPY WATER TO REMOVE RESIDUE. COLLECT WATER RINSES IN APPROPRIATE CONTAINER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY, VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AS A GENERAL RULE, WHEN HANDLING PHARMACEUTICAL PRODUCTS, AVOID ALL FORMS OF CONTACT AND INHALATION OF DUST, FUMES,

MISTS, AND/OR VAPORS ASSOCIATED WITH THE PRODUCT. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:ADEQUATE

Protective Gloves:LATEX RECOMMENDED

Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH STATION, LAB COAT

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PR

OCEDURES. DO NOT WEAR CONTAMINATED CLOTHING.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.0

pH:2 - 3

Solubility in Water:SOLUBLE

Appearance and Odor:CLEAR, COLORLESS SOLUTION

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

Stability Indicator/Materials to Avoid:YES
MAY BE

INCOMPATIBLE WITH ACIDS, BASES AND OXIDIZERS

Stability Condition to Avoid: STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

Hazardous Decomposition Products: MAY RELEASE TOXIC AND/OR HAZARDOUS GASES.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements o

f the Department

of Defense. The United States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their

particular situation.