

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. PLAC
E 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.

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