

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

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Product Identification  
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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

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Composition/Information on Ingredients  
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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

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===== 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.

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===== 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.

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===== 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.

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