

RORER PHARMACEUTICAL CORP -- NITROLINGUAL SPRAY

## MSDS Safety Information

FSC: 6503  
 NIIN: 01-246-3781  
 MSDS Date: 08/24/1992  
 MSDS Num: BSCZY  
 Product ID: NITROLINGUAL SPRAY  
 MFN: 01  
 Responsible Party  
 Cage: 04518  
 Name: RORER PHARMACEUTICAL CORP  
 Address: 500 ARCOLA RD  
 Box: 1200  
 City: COLLEGEVILLE PA 19426-0107  
 Info Phone Number: 215-454-8421  
 Emergency Phone Number: 215-454-8000  
 Preparer's Name: GAYLA J. MCCLUSKEY, CIH  
 Review Ind: Y  
 Published: Y

## Contractor Summary

Cage: 04518  
 Name: RHONE-POULENC RORER PHARMACEUTICAL CORP, ARCOLA LABORATORIES  
 Address: 500 ARCOLA RD  
 Box: 1400  
 City: COLLEGEVILLE PA 19426-0109  
 Phone: 610-454-8421

## Item Description Information

Item Manager: S9N  
 Item Name: NITROGLYCERIN LINGUAL AEROSOL  
 Specification Number: UNKNOWN  
 Type/Grade/Class: UNKNOWN  
 Unit of Issue: CO  
 UI Container Qty: 1  
 Type of Container: UNKNOWN

## Ingredients

Cas: 55-63-0  
 RTECS #: QX2100000  
 Name: NITROGLYCERIN (NG) (SARA III)  
 % Wt: 0.7  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: S, 0.1 NG/M3 STEL  
 ACGIH TLV: S, 0.46 NG/M3; 9293  
 EPA Rpt Qty: 10 LBS  
 DOT Rpt Qty: 10 LBS

Cas: 75-71-8  
 RTECS #: PA8200000  
 Name: DICHLORODIFLUOROMETHANE (SARA III)  
 % Wt: 32  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: 1000 PPM  
 ACGIH TLV: 1000 PPM; 9293  
 EPA Rpt Qty: 5000 LBS  
 DOT Rpt Qty: 5000 LBS  
 Ozone Depleting Chemical: 1

Cas: 76-14-2  
 RTECS #: K11101000  
 Name: DICHLOROTETRAFLUROETHANE (SARA III)  
 % Wt: 49  
 Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: 1000 PPM  
 ACGIH TLV: 1000 PPM; 9293  
 Ozone Depleting Chemical: 1

Name: NON HAZARDOUS INGREDIENTS  
 % Wt: BALANCE

Other REC Limits: NONE RECOMMENDED  
 OSHA PEL: UNKNOWN  
 ACGIH TLV: UNKNOWN

#### Health Hazards Data

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: INHALATION, INGESTION OR SKIN ABSORPTION OF PRODUCT MAY CAUSE SEVERE DROP IN BLOOD PRESSURE, PERSISTENT THROBING HEADACHE, DIZZINESS, HEART PALPITATION, DISTURBED VISION, FLUSHING, NAUSEA, VOMITING, DEATH. CONTACT MAY IRRITATE EYES. CHRONIC: "ADDICTIVE"; SUDDEN WITHDRAWAL FROM EXPOSURE MAY CAUSE HEART FAILURE.

Explanation of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: INHALED/INGESTED/ABSORBED: SEVERE DROP IN BLOOD PRESSURE, PERSISTENT THROBING HEADACHE, DIZZINESS, HEART PALPITATION, DISTURBED VISION, FLUSHING & PERSPIRING SKIN, NAUSEA, VOMITING, DEATH. EYES: REDNESS, TEARING, DISCOMFORT.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALED: GET MEDICAL ATTENTION FOR ANY ADVERSE EFFECTS. ADMINISTER OXYGEN AND ARTIFICIAL VENTILATION IF NECESSARY. INGESTED: OBTAIN MEDICAL ATTENTION FOR ANY ADVERSE EFFECTS. SKIN: IMMEDIATELY WASH WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION FOR ANY ADVERSE EFFECTS. FLUSH WITH LOTS OF WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION FOR IRRITATION.

#### Handling and Disposal

Spill Release Procedures: VENTILATE AREA. WEAR IMPERVIOUS GLOVES (FOR LARGE SPILL, ADD SCBA AND OTHER PROTECTIVE CLOTHING & EVACUATE AREA). ABSORB ON SUITABLE MEDIUM AND PLACE IN A CLOSED CONTAINER FOR DISPOSAL. WASH AREA.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling And Storage Precautions: STORE AT ROOM TEMPERATURE (UNDER 122F). AVOID CONTACT WITH PRODUCT. IF CONTACT LIKELY, IMPERVIOUS GLOVES AND CLOTHING AND SUPPLIED AIR RESPIRATOR.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

#### Fire and Explosion Hazard Information

Flash Point Text: UNKNOWN

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: WATER, CARBON DIOXIDE, OR DRY CHEMICAL.

Fire Fighting Procedures: FIREFIGHTING IN CONFINED SPACES REQUIRES USE OF SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard: CONTAINERS MAY BURST WITH FIRE EXPOSURE.

#### Control Measures

Respiratory Protection: NONE NORMALLY REQUIRED. IF EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves: IMPERVIOUS FOR SPILLS

Eye Protection: SAFETY GOGGLES/FACESHIELD FOR SPILLS

Other Protective Equipment: MANUFACTURING OR PACKAGING OPERATIONS SHOULD BE DESIGNED TO OFFER NO SIGNIFICANT EXPOSURE TO THIS MATERIAL.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

#### Physical/Chemical Properties

HCC: T6

B.P. Text: UNKNOWN

M.P./F.P. Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: >5 (AIR=1)

Spec Gravity: UNKNOWN  
Evaporation Rate & Reference: UNKNOWN  
Solubility in Water: INSOLUBLE  
Appearance and Odor: CLEAR, SLIGHTLY YELLOW LIQUID IN METERED DOSE VIAL  
Corrosion Rate: UNKNOWN

-----  
**Reactivity Data**  
-----

Stability Indicator: NO  
Stability Condition To Avoid: PRODUCT HAS A SHELF LIFE, DO NOT STORE/USE BEYOND SHELF LIFE. HEAT, STRONG OXIDIZING AGENTS.  
Materials To Avoid: STRONG OXIDIZING AGENTS  
Hazardous Decomposition Products: UNKNOWN  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NONE

-----  
**Toxicological Information**  
-----

-----  
**Ecological Information**  
-----

-----  
**MSDS Transport Information**  
-----

-----  
**Regulatory Information**  
-----

-----  
**Other Information**  
-----

-----  
**Transportation Information**  
-----

Responsible Party Cage: 04518  
Trans ID NO: 118078  
Product ID: NITROLINGUAL SPRAY  
MSDS Prepared Date: 08/24/1992  
Review Date: 12/03/1993  
NFPA: 1  
Net Unit Weight: 0.08 POUNDS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: CO  
Container QTY: 1  
Type Of Container: UNKNOWN

-----  
**Detail DOT Information**  
-----

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

-----  
**Detail IMO Information**  
-----

IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

-----  
**Detail IATA Information**  
-----

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

-----  
**Detail AFI Information**  
-----

AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

-----  
**HAZCON Label**  
-----

Product ID: NITROLINGUAL SPRAY  
Cage: 04518  
Company Name: RHONE-POULENC BORER PHARMACEUTICAL CORP, ARCOLA LABORATORIES  
Street: 500 ARCOLA RD  
PO Box: 1400  
City: COLLEGEVILLE PA  
Zipcode: 19426-0109

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contacting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.

Health Emergency Phone: 215-454-8000  
 Date Of Label Review: 12/03/1993  
 Status Code: C  
 Label Date: 12/03/1993  
 Year Procured: 1991  
 Origin Code: Z