# NITROLINGUAL SPRAY

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## MSDS Safety Information

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<tr>
<th>FSC: 6505</th>
<th>NIIN: 01-246-3781</th>
<th>MSDS Date: 08/24/1992</th>
<th>MSDS Num: BSCZY</th>
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### Submitter: D DG
### Tech Review: 12/03/1993
### Status CD: C

### Product NITROLINGUAL SPRAY
### ID:
### Article: N
### Kit N
### Part:

### Responsible Party
### Cage: 04518
### Name: RORER PHARMACEUTICAL CORP

### Address: 500 ARCOLA RD
### City: COLLEGEVILLE
### State: PA
### Box: 1200
### Zip: 19426-0107
### Country: US
### Info Phone Number: 215-454-8421

### Emergency Phone Number: 215-454-8000

### Preparer's Name: GAYLA J. MCCLUSKEY, CIH

### Proprietary Ind: N
### Published: Y
### Review Ind: Y
### Special Project CD: N

### Contractor Summary

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Name: RHONE-POULENC RORER PHARMACEUTICAL CORP,
Item Manager: S9M

Item Name: NITROGLYCERIN LINGUAL AEROSOL
Specification Number: UNKNOWN
Type/Grade/Class: UNKNOWN

Unit of Issue: CO
UI Container Qty: 1
Quantitative Expression: NK
Type of Container: UNKNOWN

Ingredients:

Cas: 55-63-0  
Code: M  
RTECS #: QX2100000  
Code: M

Name: NITROGLYCERIN (NG) (SARA III)

% Text: 0.7

Environmental Wt:
Other REC Limits: NONE RECOMMENDED

OSHA PEL: S, 0.1 MG/M3 STEL  
ACGIH TLV: S, 0.46 MG/M3; 9293  
EPA Rpt Qty: 10 LBS

OSHA STEL:  
ACGIH STEL: N/P  
DOT Rpt Qty:  

Ozone Depleting Chemical: N

Cas: 75-71-8  
Code: M  
RTECS #: PA8200000  
Code: M

Name: DICHLORODIFLUOROMETHANE (SARA III)

% Text: 32

Environmental Wt:
Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM; 9293  
EPA Rpt Qty: 5000 LBS

OSHA STEL:  
ACGIH STEL: N/P  
DOT Rpt Qty: 5000 LBS

Ozone Depleting Chemical: 1
**Name:** DICHLOROTETRAFLUOROETHANE (SARA III)

**% Text:** 49

**Environmental Wt:**

**Other REC Limits:** NONE RECOMMENDED

**OSHA PEL:** 1000 PPM

**ACGIH TLV:** 1000 PPM; 9293

**EPA Rpt Qty:**

**Ozone Depleting Chemical:** 1

---

**Name:** NON HAZARDOUS INGREDIENTS

**% Text:** BALANCE

**Environmental Wt:**

**Other REC Limits:** NONE RECOMMENDED

**OSHA PEL:** UNKNOWN

**ACGIH TLV:** UNKNOWN

**EPA Rpt Qty:**

**Ozone Depleting Chemical:**

---

**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

**Health Hazards Acute And Chronic**

ACUTE: INHALATION, INGESTION OR SKIN ABSORPTION OF PRODUCT MAY CAUSE SEVERE DROP IN BLOOD PRESSURE, PERSISTENT THROBBING HEADACHE, DIZZINESS, HEART PALPITATION, DISTURBED VISION, FLUSHING, NAUSEA, VOMITING, DEATH. CONTACT MAY IRRITATE EYES. CHRONIC: "ADDCTIVE"; 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 THROBBING 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 Information**

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 AVERSE EFFECTS. FLUSH WITH LOTS OF WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION FOR IRRITATION.

**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 Method:** N/P

**Flash Point:**

**Flash Point Text:** UNKNOWN

**Autoignition Temp:**

**Autoignition Temp Text:** N/K

**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.

Supplemental Safety and Health

N/P

Physical/Chemical Properties

HCC: T6
NRC/State LIC No: N/R

Net Prop WT For Ammo: N/R

Boiling Point: B.P. Text: UNKNOWN

Melt/Freeze Pt: M.P/F.P Text: UNKNOWN

Decomp Temp: Decomp Text: UNKNOWN

Vapor Pres: UNKNOWN

Vapor Density: >5 (AIR=1)

Volatile Org Content %: Spec Gravity: UNKNOWN

VOC Pounds/Gallon: PH: N/K

VOC Grams/Liter: Viscosity: N/R

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

Percent Volatiles by Volume: N/K  Corrosion Rate: UNKNOWN

Allow access to non-virtual folders: 0

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: NONE

Polymerization: NONE

Toxicological Information

Toxicological Information: N/P

Ecological Information

Ecological: N/P

MSDS Transport Information

Transport Information: N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P
State Regulatory Information: N/P

Other Information

Other Information: N/P

HMIS Transportation Information

<table>
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<tr>
<th><strong>Responsible Party Cage:</strong></th>
<th>04518</th>
<th><strong>Trans ID NO:</strong></th>
<th>118078</th>
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<tbody>
<tr>
<td><strong>Product ID:</strong></td>
<td>NITROLINGUAL SPRAY</td>
<td><strong>MSDS Prepared Date:</strong></td>
<td>08/24/1992</td>
</tr>
<tr>
<td><strong>Review Date:</strong></td>
<td>12/03/1993</td>
<td></td>
<td></td>
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<tr>
<td><strong>MFN:</strong></td>
<td>1</td>
<td><strong>Submitter:</strong></td>
<td>D DG</td>
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<tr>
<td><strong>Status C</strong></td>
<td><strong>CD:</strong></td>
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<tr>
<td><strong>Article W/O MSDS:</strong></td>
<td>N</td>
<td><strong>Tech Entry NOS Shipping Nm:</strong></td>
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<tr>
<td><strong>Radioactivity:</strong></td>
<td>N/R</td>
<td><strong>Form:</strong></td>
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<tr>
<td><strong>Net Explosive Weight:</strong></td>
<td>N/R</td>
<td><strong>Coast Guard AMMO Code:</strong></td>
<td>N/R</td>
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<td><strong>Multiple KIT Number:</strong></td>
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<tr>
<td><strong>Kit IND:</strong></td>
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<tr>
<td><strong>Unit Of Issue:</strong></td>
<td>CO</td>
<td><strong>Container QTY:</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Type Of Container:</strong></td>
<td>UNKNOWN</td>
<td><strong>Additional Data:</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Detail DOT Information**

| **DOT PSN Code:** | ZZZ | **Symbols:** | N/R |

**DOT Proper Shipping Name:** NOT REGULATED BY THIS MODE OF TRANSPORTATION

**DOT PSN Modifier:**

| **Hazard Class:** | N/R | **UN ID Num:** | N/R |
| **DOT Packaging Group:** | N/R | **Label:** | N/R |
| **Special Provision:** | N/R | **Packaging Exception:** | N/R |

| **Non Bulk Pack:** | N/R | **Bulk Pack:** | N/R |
| **Max Qty Pass:** | N/R | **Max Qty:** | N/R |
| **Vessel Stow Req:** | N/R | **Cargo:** | |
| **Water/Ship/Other Req:** | N/R | **Detail IMO Information:** | |

IMO PSN Code: ZZZ

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

IMDG Page Number: N/R    UN Number: N/R
UN Hazard Class: N/R    IMO Packaging Group: N/R

Subsidiary Risk Label: N/R    MED First Aid Guide NUM: N/R
EMS Number: N/R

Detail IATA Information

IATA PSN Code: ZZZ    IATA UN ID NUM: N/R

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

IATA UN Class: N/R    Subsidiary Risk Class:

IATA Label: N/R
UN Packing Group: N/R    Packing Note Passenger: N/R
Max Quant Pass: N/R    Max Quant Cargo: N/R
Packaging Note Cargo: N/R    Exceptions: N/R

Detail AFI Information

AFI PSN Code: ZZZ

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

AFI Hazard Class: N/R    AFI UN ID NUM: N/R
AFI Packing Group: N/R

AFI Label: N/R
Special Provisions: N/A    Back Pack Reference: N/A

HMIS HAZCOM Label

Product ID: NITROLINGUAL SPRAY

Cage: 04518    Assigned IND: N

Company: RHONE-POULENC RORER PHARMACEUTICAL CORP, ARCOLA
Name: LABORATORIES
Street: 500 ARCOLA RD    PO Box: 1400
City: COLLEGEVILLE       State: PA       Zipcode: 19426-0109
Country: US

Health Emergency Phone: 215-454-8000

Label Required IND: N       Date Of Label Review: 12/03/1993
Status Code: C       MFG Label NO:
Label Date: 12/03/1993       Year Procured: 1991

Origination Code: Z       Chronic Hazard IND: N/P
Eye Protection IND: N/P       Skin Protection IND: N/P

Signal Word: N/P       Respiratory Protection IND: N/P

Health Hazard:
Contact Hazard:

Fire Hazard:
Reactivity Hazard:

Hazard And Precautions

N/P

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