

G D SEARLE

-- NITROGLYCERIN

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MSDS Safety Information  
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FSC: 6550  
MSDS Date: 11/21/1994  
MSDS Num: BWWXY  
LIIN: 00F039414  
Product ID: NITROGLYCERIN  
MFN: 01  
Responsible Party  
Cage: SEARL  
Name: G D SEARLE  
Box: 5110  
City: CHICAGO IL 60680-5000  
Info Phone Number: 708-470-6606/708-982-7000  
Emergency Phone Number: 708-470-6606/708-982-7000  
Review Ind: Y  
Published: Y

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Preparer Co. when other than Responsible Party Co.  
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Cage: SEARL  
Name: G D SEARLE  
Box: 5110  
City: CHICAGO IL 60680-5000

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Contractor Summary  
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Cage: SEARL  
Name: G D SEARLE  
Box: 5110  
City: CHICAGO IL 60680-5000  
Phone: 708-470-6606/708-982-7000

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Ingredients  
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RTECS #: 1003311EX  
Name: EXCIPIENTS  
% Wt: 90

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Cas: 55-63-0  
RTECS #: QX2100000  
Name: NITROGLYCERINE, NITRIN, NITROL  
% Wt: <1  
Other REC Limits: 0.05 PPM  
OSHA PEL: 2 MG/CUM (SKIN)  
ACGIH TLV: 0.46 MG/CUM  
EPA Rpt Qty: 10 LBS  
DOT Rpt Qty: 10 LBS

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Cas: 63-42-3  
RTECS #: OD9625000  
Name: LACTOSE  
% Wt: 9

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Health Hazards Data

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LD50 LC50 Mixture: ORAL LD50(RAT): 105 MG/KG

Route Of Entry Inds - Inhalation: NO

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: SKIN: IRRITANT & CAN CAUSE ERUPTIONS ON PALMS & BETWEEN FINGERS, ULCERS UNDER NAILS & ALLERGIC CONTACT DERMATITIS. NITROGLYCERIN IS READILY ABSORBED THROUGH THE SKIN & MAY CAUSE SYSTEMIC EFFECTS. EYES: LOCAL IRRITATION, TEMPORARY BLINDNESS/ ABSORPTION. INGESTION:MAY AFFECT THE CARDIOVASCULAR.

Explanation Of Carcinogenicity: NONE

Signs And Symptions Of Overexposure: IRRITATION, DECREASED VISUAL ACUITY, LIGHT-HEADEDNESS, CONFUSION, LOW BLOOD PRESSURE, HEADACHES, FAINTING, FLUSH OF THE SKIN, NAUSEA, VOMITING, SHORTNESS OF BREATH, BLUISH COLOR TO SKIN, NAILBEDS, LIPS, SLOWED/RAPID HEART RATE, CHEST PAIN, CHEST DISCOMFORT, HEART PAINS, BELLIGERENT, IRRATIONAL BEHAVIOR, DELERIUUM

Medical Cond Aggravated By Exposure: INDIVIDUALS W/HYPERSENSITIVITY TO NITROGLYCERIN, LOW BLOOD PRESSURE, HEART PROBLEMS, PREGNANT/NURSING WOMEN SHOULD AVOID EXPOSURE.

First Aid: INHALATION: REMOVE TO FRESH AIR, MONITOR BLOOD PRESSURE, RESPIRATION, TEMP & GENERAL CONDITION. SKIN: WASH W/SOAP & WATER. EYES: IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. INGESTION: PROVIDE GENERAL SUPPORT SAME AS FOR INHALATI ON. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: NITROGLYCERIN MAY CAUSE CNS/TREMOR/NEURALGIA/METHEMOGLOBINEMIA/CYANOSIS/COMA,ANAPHYLAXIX (SEE SUPP

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Handling and Disposal

Spill Release Procedures: SHUT OFF ALL IGNITION SOURCES. DON'T TOUCH MATERIAL.WEAR PERSONAL PROTECTIVE EQUIPMENT, WIPE UP ELASTOMER & WASH AREA W/DETERGENT & WATER. COLLECT WASTE FOR PROPER DISPOSAL. KEEP PEOPLE AWAY. DON'T FLUSH MATERIAL INTO SEWER.

Waste Disposal Methods: INCINERATE IN APPROVED FACILITY. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY PLACE IN A TIGHTLY SEALED CONTAINER AWAY FROM INCOMPATIBLE SUBSTANCES. USE PROTECTIVE EQUIPMENT DURING HANDLING.

Other Precautions: USE ADEQUATE VENTILATION. AVOID BREATHING DUST. AVOIDCONTACT W/EYES, SKIN/CLOTHING.

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Fire and Explosion Hazard Information

Extinguishing Media: DRY CHEMICAL, CO2, WATER SPRAY, REGULAR FOAM, EXTINGUISHING AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures: EVACUATE AREA & FIGHT FIRE FROM A SAFE DISTANCE. WEAR PRESSURE DEMAND SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE GEAR.

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Control Measures

Respiratory Protection: USE SUPPLIED-AIR RESPIRATOR FOR OPERATIONS W/ADEQUATE VENTILATION BUT W/SOME POTENTIAL FOR EXPOSURE (SUCH AS MANUAL TRANSFER OPERATIONS)/SUPPLIED AIR RESPIRATOR FOR OPERATIONS W/OUT ADEQUATE VENTILATION.

Ventilation: LOCAL EXHAUST VENTILATION  
Protective Gloves: CHEMICALLY RESISTANT  
Eye Protection: SAFETY GLASSES  
Other Protective Equipment: LONG SLEEVES, DISPOSABLE COVERALLS  
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health: FIRST AID NOTE TO PHYSICIAN CONT'D: CARDIAC  
ARREST & ELEVATION OF DIASTOLIC BLOOD PRESSURE. ANTIDOTE: THE USE OF  
EMPINEPHRINE/OTHER ARTERIAL VASOCONSTRICTORS IS LIKELY TO DO MORE HARM THAN  
GOOD.

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Physical/Chemical Properties

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Spec Gravity: 1.5391  
Appearance and Odor: WHITE CREAM ON PAD W/NO KNOWN ODOR

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Reactivity Data

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Stability Indicator: YES  
Materials To Avoid: ACIDS, COMBUSTIBLES, OXIDZERS, OZONE  
Hazardous Decomposition Products: TOXIC OXIDES OF NITROGEN  
Hazardous Polymerization Indicator: NO

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Toxicological Information

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Ecological Information

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MSDS Transport Information

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Regulatory Information

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Other Information

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HAZCOM Label

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Product ID: NITROGLYCERIN  
Cage: SEARL  
Company Name: G D SEARLE  
PO Box: 5110  
City: CHICAGO IL  
Zipcode: 60680-5000  
Health Emergency Phone: 708-470-6606/708-982-7000  
Label Required IND: Y  
Date Of Label Review: 12/16/1998  
Status Code: C  
Label Date: 12/16/1998  
Origination Code: G

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BETWEEN FINGERS, ULCERS UNDER NAILS & ALLERGIC CONTACT DERMATITIS.  
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