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MSDS Product and Company Name

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FSC: 6840 **NIIN:** 01-192-9466 **MSDS Date:** 12/13/1994 **MSDS Num:** CLQHV

Submitter: D DG **Tech Review:** 11/10/2001 **Status CD:** A
Product ID: NOLVASAN SOLUTION **MFN:** 01
Article: N **Kit Part:** N

Cage: JO020

Responsible Party

Name: FORT DODGE LABORATORIES INC
Address: 800 5TH STREET NW **Box:** 518
City: FORT DODGE **State:** IA **Zip:** 50501
Country: US
Info Phone Number: 515-955-4600
Emergency Phone Number: 515-955-4600
Radioactive Ind: N
Proprietary Ind: N **Review Ind:** Y
Published: Y **Special Project CD:**

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Company Information

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Cage: JO020 **Name:** FORT DODGE LABORATORIES INC
Address: 800 5TH STREET NW **Box:** 518
City: FORT DODGE **State:** IA **Zip:** 50501
Country: US **Phone:** 515-955-4600

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Item Description

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Item Manager: S9M
Item Name: DISINFECTANT, CHLORHEXIDINE DIACETATE SOLUTION, VETERINARY
Specification Number: N/K **Type/Grade/Class:** N/K
Unit of Issue: BT **Quantitative Expression:** N/K
UI Container Qty: N/K **Type of Container:**

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Ingredients

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Cas: 56-95-1 **Code:** M **RTECS #:** **Code:** X
Name: CHLORHEXIDINE DIACETATE
= Wt: 2. **Code:** M
Environmental Wt:
Other REC Limits: N/P
OSHA PEL: **OSHA**

N/P	Code: T	STEL: N/P	Code: T
ACGIH TLV: N/K	Code: T	ACGIH N/P	Code: T
EPA Rpt Qty:		STEL:	
		DOT Rpt	
		Qty:	

Ozone Depleting Chemical:

Cas:	Code: X	RTECS #:	Code: X
Name: DYE SURFACTANT AND WATER (NON-HAZARDOUS INGREDIENTS CONSIDERED TO BE TRADE SECRETS)			
% Text: N/P		Environmental Wt:	
		Other REC Limits: N/P	
OSHA PEL: N/P	Code:	OSHA N/P	Code:
		STEL:	
ACGIH TLV: N/P	Code:	ACGIH N/P	Code:
		STEL:	
EPA Rpt Qty:		DOT Rpt	
		Qty:	

Ozone Depleting Chemical:

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Health Hazards Information

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LD50 LC50 Mixture N/P			
Route Of Entry Inds -N/P	Skin: N/P	Ingestion: YES	
Inhalation:			
Carcinogenicity Inds - NTP: NO	IARC: NO	OSHA: NO	

Health Hazards Acute And Chronic

THE MOST SERIOUS ADVERSE HEALTH EFFECTS EXPECTED TO OCCUR ARE ASSOCIATED WITH INGESTION OF THIS PRODUCT. ACUTE: INHALATION: INHALATION IS NOT CONSIDERED TO BE A ROUTE OF EXPOSURE. INGESTION: MAY BE HARMFUL IF SWALLOWED, CAUSING GASTROINTESTINAL DISTRESS, NAUSEA, AND VOMITING. SKIN: NON-IRRITATING TO THE SKIN. EYE: IRRITATING TO THE EYES. TARGET ORGAN EFFECTS (SUBCRONIC/CHRONIC:): GASTROINTESTINAL SYSTEM/NONE KNOWN.

Explanation Of Carcinogenicity

THIS PRODUCT IS NOT KNOWN TO BE CARCINOGENIC.

Signs And Symptions Of Overexposure

INGESTION: MAY BE HARMFUL IF SWALLOWED, CAUSING GASTROINTESTINAL DISTRESS, NAUSEA, AND VOMITING.

Medical Cond Aggravated By Exposure

NONE KNOWN

First Aid

INHALATION: REMOVE VICTIM TO FRESH AIR. ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL ATTENTION IMMEDIATELY. INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. CONSULT A PHYSICIAN. EYE: RINSE EYES THOROUGHLY WITH WATER FOR 15 MINUTES, HOLDING EYELIDS APART WITH FINGERS. SEEK MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures

FOR SMALL SPILLS INVOLVING THIS PRODUCT (I.E., THOSE RESULTING FROM

NORMAL USAGE), WIPE UP THE SPILL USING PAPER TOWELS OR OTHER SUITABLE MATERIAL. WASH AREA WITH WATER. FOR LARGE SPILLS, CONTAIN THE SPILL USING BOOMS, DIKES, OR ABSORBENT MATERIAL TO PREVENT RELEASES INTO WATERWAYS OR ONTO LAND. COLLECT SPILLED MATERIAL FOR FUTURE DISPOSAL.

Neutralizing Agent

N/P

Waste Disposal Methods

N/P

Handling And Storage Precautions

STORE IN A COOL, DRY PLACE. KEEP OUT OF THE REACH OF CHILDREN. USE ACCORDING TO LABEL DIRECTIONS.

Other Precautions

N/P

Fire and Explosion Hazard Information

Flash Point Method: N/P

Flash Point:

Flash Point Text: NOT ESTABLISHED

Autoignition Temp:

Autoignition Temp NOT ES

Text:

Lower Limits: NOT ESTABLIS

Upper Limits: NOT ESTABLIS

Extinguishing Media

ALCOHOL FOAM, WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures

FIREFIGHTERS SHOULD TAKE STANDARD PRECAUTIONS WHEN FIGHTING FIRES INVOLVING THIS MATERIAL, INCLUDING THE USE OF SCBA.

Unusual Fire/Explosion Hazard

THIS PRODUCT MAY RELEASE TOXIC VAPORS WHEN SUBJECTED TO FIRE CONDITIONS.

Control Measures

Respiratory Protection

RESPIRATORY PROTECTION IS NOT CONSIDERED NECESSARY FOR NORMAL USAGE OF THIS PRODUCT.

Ventilation

SPECIAL VENTILATION PROVISIONS ARE NOT CONSIDERED NECESSARY FOR NORMAL USAGE OF THIS PRODUCT.

Protective Gloves

LATEX GLOVES ARE RECOMMENDED.

Eye Protection

SAFETY GLASSES WITH SIDE SHIELDS OR SAFETY GOGGLES ARE RECOMMENDED.

Other Protective Equipment

NA

Work Hygienic Practices

N/P

Supplemental Safety and Health

PRODUCT NAME:NOLVASAN SOLUTION. USE: USED AS A DISINFECTANT WITH BACTERICIDAL AND VIRICIDAL PROPERTIES ON INANIMATE OBJECTS ON VETERINARY AND FARM PREMISES. SIZE: 1 GALLON PLASTIC BOTTLES. SYNONYMS: C HLOORASAN DISINFECTANT (FRANKLIN LABORATORIES).

Physical/Chemical Properties

HCC: N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text: NOT ESTABLISHED

Melt/Freeze Pt:

M.P/F.P Text: NOT ESTABLISHED

Decomp Temp:

Decomp Text: NOT ESTABLISHED

Vapor Pres: NOT ESTABLISHED

Vapor Density: NOT ESTABLISHED

Volatile Org Content %:

Spec Gravity: 1.009

VOC Pounds/Gallon:

PH: NOT ESTABLISHED

VOC Grams/Liter:

Viscosity: NOT ESTABLISHED

Evaporation Rate & Reference: N/P

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR BLUE LIQUID WITH PLEASANT ODOR

Percent Volatiles by Volume: NOT PROVIDED

Corrosion Rate: N/P

Reactivity Information

Stability Indicator: YES

Stability Condition To Avoid: THIS PRODUCT IS CONSIDERED STABLE UNDER NORMAL CONDITIONS. AVOID EXPOSING THIS PRODUCT TO EXCESSIVE HEAT.

Materials To Avoid: AVOID CONTACT WITH STRONG ACIDS OR BASES.

Hazardous Decomposition Products: THIS PRODUCT MAY RELEASE TOXIC VAPORS WHEN SUBJECTED TO FIRE CONDITIONS.

Hazardous Polymerization Indicator: N/P

Conditions To Avoid Polymerization: N/P

Toxicological Information

Toxicological Information: ACUTE DATA: THE TOXICOLOGICAL DATA PRESENTED BELOW IS FOR THE INGREDIENT CHLORHEXIDINE DIACELATE. INHALATION: INHALATION IS NOT CONSIDERED A ROUTE OF EXPOSURE. INGESTION: MAY BE HARMFUL IF SWALLOWED. ORAL LD50(MOUSE)-2 G/KG. EYES: IRRITATING TO THE EYES. SKIN: NON-IRRITATING TO THE SKIN. TARGET ORGAN EFFECTS DATA: GASTROINTESTINAL SYSTEM/NONE KNOWN. MUTAGENIC EFFECTS DATA: THIS PRODUCT IS NOT KNOWN TO BE MUTAGENIC. REPRODUCTIVE/TERATOGENIC EFFECTS DATA: THERE ARE NO ADVERSE REPRODUCTIVE OR TERATOGENIC EFFECTS ASSOCIATED WITH THIS PRODUCT.

Ecological Information

Ecological: N/P

MSDS Transport Information

Transport Information: U.S. DEPARTMENT OF TRANSPORTATION (DOT): THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS MATERIAL UNDER DOT REGULATIONS. INTERNATIONAL TRANSPORTATION REGULATIONS: THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS MATERIAL UNDER TRANSPORTATION REGULATIONS.

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: WASTE PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE UNDER U.S. EPA RCRA REGULATIONS. THIS PRODUCT IS AN EPA REGISTERED PESTICIDE, REGISTRATION NUMBER 117-30.

State Regulatory Information: NA

Other Information

Other Information: NFPA: HEALTH=1, FLAMMABILITY=0, REACTIVITY=0, SPECIAL HAZARDS-NA. HMIS: HEALTH=1, FLAMMABILITY=0, REACTIVITY=0, PERSONAL PROTECTION-NA. A HAZARD RATING HAS BEEN DEVELOPED BY NFPA FOR THIS PRODUCT. NFP A-DERIVED RATING IS BASED ON NFPA HAZARD EVALUATION CRITERIA.

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HMIS Transportation Information

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Responsible Party Cage: JO020

Trans ID NO: 159828

Product ID: NOLVASAN SOLUTION

MSDS Prepared Date: 12/13/1994

Review Date: 11/10/2001

MFN: 1

Submitter: D DG

Status A

CD:

Article W/O MSDS: N

Tech Entry NOS Shipping Nm:

Radioactivity:

Form:

Net Explosive Weight:

Coast Guard AMMO Code:

Net Unit Weight: 9 LBS

Magnetism:

AF MMAC Code:

DOD Exemption NUM:

Limited Quantity IND: N

Multiple KIT Number: 0

Kit IND: N

Kit Part IND: N

Review IND: Y

Unit Of Issue: BT

Container QTY: N/K

Type Of Container:

Additional Data:

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DOT Information

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DOT PSN Code: ZZZ

Symbols: N/R

DOT Proper Shipping NOT REGULATED BY THIS MODE OF

Name: 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

Cargo:

Vessel Stow Req: N/R

Water/Ship/Other Req: N/R

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IMO Information

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IMO PSN Code: ZZZ

IMO Proper Shipping NOT REGULATED FOR THIS MODE OF TRANSPORTATION

Name:

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

EMS Number: N/R

MED First Aid Guide NUM: N/R

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IATA Information
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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 N/R
Class:

IATA Label: N/R

UN Packing Group: N/R

Packing Note N/R
Passenger:

Max Quant Pass: N/R

Max Quant Cargo: N/R

Packaging Note Cargo: N/R

Exceptions: N/R

===== **AFI**
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Information
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AFI PSN Code: ZZZ

AFI Symbols:

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
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HMIS HAZCOM Label
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Product ID: LABEL COVERED UNDER EPA REGS - HAZCOM LABEL NOT
AUTHORIZED

Cage:

Assigned IND:

Company
Name:

Street:

City:

State:

PO Box:

Zipcode:

Country:

Health Emergency Phone:

Label Required
IND:

Date Of Label Review:

Status Code:

MFG Label NO:

Label Date:

Year Procured:

Origination Code:

Chronic Hazard IND:

Eye Protection IND:
Signal Word:
Health Hazard:
Contact Hazard:
Fire Hazard:
Reactivity Hazard:

Skin Protection IND:
Respiratory Protection IND:

Hazard And Precautions