

THE PURDUE FREDRICK -- BETADINE SOLUTION - POVIDONE-IODINE CLEANSING SOLUTION,USP
MATERIAL SAFETY DATA SHEET
NSN: 6505004917557
Manufacturer's CAGE: 05161
Part No. Indicator: A
Part Number/Trade Name: BETADINE SOLUTION

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General Information

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Item Name: POVIDONE-IODINE CLEANSING SOLUTION,USP
Company's Name: THE PURDUE FREDRICK COMPANY
Company's Street: 100 CONNECTICUT AVENUE
Company's City: NORWALK
Company's State: CT
Company's Country: US
Company's Zip Code: 06856
Company's Emerg Ph #: 203-853-0123
Company's Info Ph #: 800-877-0123
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 003
Status: SMU
Date MSDS Prepared: 01AUG90
Safety Data Review Date: 29APR92
Supply Item Manager: CX
MSDS Preparer's Name: WINTHROP E. LANGE, PH.D.
MSDS Serial Number: BMSMR
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: N1
Unit Of Issue: BT
Unit Of Issue Container Qty: 4 FL OZ
Type Of Container: POLY BOTTLE
Net Unit Weight: 4.4 OZ AV

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: BETADINE (PROVIDONE-IODINE)
Ingredient Sequence Number: 01
Percent: 10
NIOSH (RTECS) Number: TR1579600
CAS Number: 25655-41-8
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: GLYCERIN
Ingredient Sequence Number: 02
Percent: 1
NIOSH (RTECS) Number: MA8050000
CAS Number: 56-81-5

OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 (MIST) 9293
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: IGEPAL
Ingredient Sequence Number: 03
Percent: 0.25
NIOSH (RTECS) Number: 1007532IG
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 04
Percent: 88.75
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE SPECIFIED

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR REDDISH-BROWN LIQUID, FAINT ODOR
Boiling Point: UNKNOWN
Melting Point: UNKNOWN
Vapor Pressure (MM Hg/70 F): UNKNOWN
Vapor Density (Air=1): UNKNOWN
Specific Gravity: 1.02
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: UNKNOWN
Solubility In Water: NONE GIVEN BY MANUF.
pH: 81,000 MG/KG
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: THIS PRODUCT IS GENERALLY RECOGNIZED AS SAFE
WHEN USED AS A TOPICAL ANTIMICROBIAL AGENT. HIGH CONCENTRATIONS OF IODINE IN THE SERUM MAY PRODUCE ALTERATIONS IN THYROID FUNCTION, RENAL DISTURBANCES, ACIDOSIS AND ELECTROLYTE DISTURBANCES.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Signs/Symptoms Of Overexp: EYE: IRRITATION SKIN: IRRITATION. MAY BE ABSORBED THROUGH BROKEN SKIN. INHALED: UNLIKELY EXPOSURE. MAY BE ABSORBED THROUGH LUNGS IF INHALED. INGESTED: MAY BE ABSORBED THROUGH G/I TRACT. IF

ABSORBED, MAY PRODUCE ALTERATIONS IN THYROID FUNCTION, RENAL
DISTURBANCES,
ACIDOSIS AND ELECTROLYTE DISTURBANCES.
Med Cond Aggravated By Exp: NONE GIVEN BY MANUFACTURER (SUPPLIER).
Emergency/First Aid Proc: EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN.
SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER
BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF
NECESSARY.
INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER
AND
GET IMMEDIATE MEDICAL CARE. DOCTOR TO ORDER VOMITING. NOTHING BY MOUTH
IF
UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: SPILLS SHOULD BE CLEANED UP AS SOON AS
POSSIBLE, WASH AFFECTED AREA WITH DILUTE AMMONIA OR DILUTE SODIUM
THIOSULFATE SOLUTION AND COPIOUS QUANTITIES OF WATER.
Neutralizing Agent: SODIUM THIOSULFATE
Waste Disposal Method: DO NOT DISCHARGE MORE THAN MINUTE QUANTITIES
INTO
WATERWAYS OR SEWER WYSTEMS. NEUTRALIZE PRIOR TO DISPOSAL.
Precautions-Handling/Storing: STORE AT ROOM TEMPERATURE.
Other Precautions: NONE

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Control Measures

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Respiratory Protection: NONE GIVEN BY MANUFACTURER (SUPPLIER).
Ventilation: NONE GIVEN BY MANUFACTURER (SUPPLIER).
Protective Gloves: NOT RELAVENT
Eye Protection: NOT RELAVENT
Other Protective Equipment: NOT RELAVENT
Work Hygienic Practices: NONE GIVEN BY MANUFACTURER (SUPPLIER).
Suppl. Safety & Health Data: NONE

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Transportation Data

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Trans Data Review Date: 92120
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Disposal Data

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Label Data

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Label Required: YES
Technical Review Date: 29APR92
MFR Label Number: NONE
Label Status: F
Common Name: BETADINE SOLUTION
Signal Word: NONE
Acute Health Hazard-None: X
Contact Hazard-None: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: THIS PRODUCT IS GENERALLY RECOGNIZED AS
SAFE
WHEN USED AS A TOPICAL ANTIMICROBIAL AGENT. HIGH CONCENTRATIONS OF
IODINE
IN THE SERUM MAY PRODUCE ALTERATIONS IN THYROID FUNCTION, RENAL
SPILLS SHOULD BE CLEANED UP AS SOON AS POSSIBLE, WASH AFFECTED AREA
WITH
DILUTE AMMONIA OR DILUTE SODIUM THIOSULFATE SOLUTION AND COPIOUS
QUANTITIES OF WATER. STORE AT ROOM TEMPERATURE.
Label Name: THE PURDUE FREDRICK COMPANY
Label Street: 100 CONNECTICUT AVENUE
Label City: NORWALK
Label State: CT
Label Zip Code: 06856
Label Country: US
Label Emergency Number: 203-853-0123