

THE PURDUE FREDRICK COMPANY -- BETADINE SOLUTION -- 6505-00-491-7557

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Product Identification
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Product ID:BETADINE SOLUTION

MSDS Date:08/01/1990

FSC:6505

NIIN:00-491-7557

MSDS Number: BMSMR

=== Responsible Party ===

Company Name:THE PURDUE FREDRICK COMPANY

Address:100 CONNECTICUT AVENUE

City:NORWALK

State:CT

ZIP:06856

Country:US

Info Phone Num:800-877-0123

Emergency Phone Num:203-853-012

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Preparer's Name:WINTHROP E. LANGE, PH.D.

CAGE:LO459

=== Contractor Identification ===

Company Name:PURDUE FREDERICK CO THE

Address:100 CONNECTICUT AVE

Box:City:NORWALK

State:CT

ZIP:06854-3590

Country:US

Phone:1-800-733-1333

CAGE:05161

Company Name:THE PURDUE FREDRICK COMPANY

Address:100 CONNECTICUT AVENUE

Box:City:NORWALK

State:CT

ZIP:06856

Country:US

Phone:800-877-0123

CAGE:LO459

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Composition/Information on Ingredients
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Ingred Name:BETADINE (PROVIDONE-IODINE)

CAS

:25655-41-8
RTECS #:TR1579600
Fraction by Wt: 10%
Other REC Limits:NONE SPECIFIED

Ingred Name:GLYCERIN
CAS:56-81-5
RTECS #:MA8050000
Fraction by Wt: 1%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 (MIST) 9293

Ingred Name:IGEPAL
Fraction by Wt: 0.25%
Other REC Limits:NONE SPECIFIED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 88.75%
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50

Mixture:ORAL MOUSE LD50 IS >81,000 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards 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.

Explanation of Carcinogenicity:THE PRODUCT CONTAINS NO INGREDIENT THAT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure: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.

Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER (SUPPLIER).

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===== First Aid Measures =====

First Aid: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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===== Fire Fighting Measures =====

Flash Point:NON-FLAMMABLE
Lower Limits:NONE
Upper Limits:NONE
Extinguishing Media:NONE GIVEN BY MANUFACTURER (SUPPLIER).
Fire Fighting Procedures:NONE GIVEN BY MANUFACTURER (SUPPLIER).
Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====

Spill Release Procedures:SPILLS SHOULD BE CLEANED UP AS SOON AS POSSIBLE, WASH AFFECTED AREA WITH DILUTE AMMONIA OR DILUTE SODIUM THIOSUUFATE SOLUTION AND COPIOUS QUANTITIES OF WATER.
Neutralizing Agent:SODIUM THIOSULFATE

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===== Handling and Storage =====

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE.
Other Precautions:NONE

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE GIVEN BY MANUFACTURER (SUPPLIER).
Ventilation:NONE GIVEN BY MANUFACTURER (SUPPLIER).
Protective Gloves:NOT RELEVANT
Eye Protection:NOT RELEVANT
Other Protective Eq

Equipment:NOT RELAVENT

Work Hygienic Practices:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:1.02

pH: