

BDMS - MARION BD MICROBIOLOGY SYS -- DOBELL & O'CONNORS IODINE SOLUTION --
6550-01-245-9042

===== Product Identification =====

Product ID:DOBELL & O'CONNORS IODINE SOLUTION

MSDS Date:03/05/1990

FSC:6550

NIIN:01-245-9042

MSDS Number: BKYWM

=== Responsible Party ===

Company Name:BDMS - MARION BD MICROBIOLOGY SYS

Box:243

City:COCKEYVILLE

State:MD

ZIP:21030

Info Phone Num:(816) 866-5000

Emergency Pho

ne Num:(816) 866-5000

CAGE:BDMIC

=== Contractor Identification ===

Company Name:BDMS - MARION BD MICROBIOLOGY SYS

Box:City:COCKEYVILLE

State:MD

ZIP:21030

Phone:(816) 866-5000

CAGE:BDMIC

Company Name:CURTIN MATHESON SCIENTIFIC INC

Address:7677 EQUITABLE DR

Box:City:EDEN PRAIRIE

State:MN

ZIP:55344-3676

Country:US

Phone:612-934-1793

CAGE:5K095

===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM IODIDE, POTIDE, HYDRIOCIC ACID, POTASSIUM SALT

CAS:7681-11-0

RTE

CS #:TT2975000
Fraction by Wt: 2%

Ingred Name:IODINE
CAS:7553-56-2
RTECS #:NN1575000
Fraction by Wt: 1%
Other REC Limits:0.1 PPM
OSHA PEL:C 0.1 PPM
ACGIH TLV:C 0.1 PPM; 9192

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 1300 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION. INHALATION: MUCOUS
MEMBRANES IRRITATION & I
NDUCE HYPERTHYROIDISM. INGESTION: NAUSEA,
VOMITING, & DIARRHEA. SKIN: IRRITATION & ABSORPTION THROUGH BROKEN
SKIN, BURNS OR DEEP WOUNDS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION. INHALATION: MUCOUS MEMBRANES
IRRITATION & INDUCE HYPERTHYROIDISM. INGESTION: NAUSEA, VOMITING, &
DIARRHEA. SKIN: IRRITATION & ABSORPTION THROUGH BROKEN SKIN, BURNS
OR DEEP WOUNDS.

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

First Aid:EYES
: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP/WATER.
INGESTION: GIVE AQUEOUS STARCH/FLOUR SLURRY (1 TBSP TO 1 PINT).
INITIATE EMESIS UNLESS COMATOSE/CONVULSING/LOST GAG REFLEX. IF SO,
PROCEED W/E NDOTRACHEAL INTUBATION/GASTRIC LAVAGE. GIVE ACTIVATED
CHARCOAL, CATHARTIC MAGNESIUM SULFATE, OR MAGNESIUM CITRATE.
INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL
CASES.

=====
===== Fire Fighting Measures =====

Extinguishing Media:W

ATER. PRODUCT IS NONCOMBUSTIBLE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. COVER SPILLS W/WEAK REDUCING AGENTS. NEUTRALIZE W/SODA ASH OR SLAKED LIME IN PLENTY OF WATER. FLUSH RESIDUAL TO DRAIN.

Neutralizing Agent:SODA ASH OR SLAKED LIME

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA. KEEP CONTAINER CLOSED.

Other Precautions:AVOID BREATHING MIST OR FUMES.

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

Respiratory Protection:AS REQUIRED

Ventilation:NORMAL GOOD ROOM VENTILATION

Protective Gloves:IMPERVIOUS

Eye Protection:SPLASHPROOF GOGGLES, FACE SHIELD

Other Protective Equipment:AS REQUIRED

Supplemental Safety and Health

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

pH:7

Solubility in Water:COMPLETE

Appearance and Odor:DARK BROWN LIQUID W/SHARP CHARACTERISTIC ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

REDUCING MATERIALS, AMMONIA, METALLIC POWDERS

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:TOXIC FUMES OF IODINE

===== Disposal Considerations =====

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

Disclaimer (provided with this information by the compiling agencies

):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.