

SPORICIDIN INTERNATIONAL -- SPORICIDIN COLD STERILIZING SOLUTION. -- 6840-01-122-0687  
===== Product Identification =====

Product ID:SPORICIDIN COLD STERILIZING SOLUTION.

MSDS Date:10/13/1989

FSC:6840

NIIN:01-122-0687

MSDS Number: BGMWL

=== Responsible Party ===

Company Name:SPORICIDIN INTERNATIONAL

Address:12000 OLD GEORGETOWN RD

City:ROCKVILLE

State:MD

ZIP:20852

Country:US

Info Phone Num:301-231-

7700

Emergency Phone Num:301-231-7700

CAGE:4V996

=== Contractor Identification ===

Company Name:SPORICIDIN INTERNATIONAL

Address:12000 OLD GEORGETOWN RD

Box:City:ROCKVILLE

State:MD

ZIP:20852

Country:US

CAGE:4V996

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

Ingred Name:GLUTARALDEHYDE

CAS:111-30-8

RTECS #:MA2450000

Fraction by Wt: 2%

OSHA PEL:C 0.2 PPM

ACGIH TLV:C 0.2 PPM; 9192

Ingred Name:SODIUM PHENATE,CAS#139-02-6 (CONC.SHOWN IS AFTER MIXING  
WITH BUFFERD PHENOL S

OLN)  
CAS:139-02-6  
RTECS #:SM8780000  
Fraction by Wt: 8.25%

Ingred Name:PHENOL  
CAS:108-95-2  
RTECS #:SJ3325000  
Fraction by Wt: 7.05%  
OSHA PEL:S, 5 PPM  
ACGIH TLV:S, 5 PPM; 8990  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM TETRABORATE,CAS#1330-43-4 (CONC.TAKEN FROM LOCAL  
CTDF)  
Fraction by Wt: 2.35%

Ingred Name:MFR STATES 1 EIGHT OZ BOTTLE BUFFERED PHENOL SOLN  
W.SEPARATE BOTTLE GLUTARALDEHYDE  
RTECS #:9999999ZZ

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF  
EYES,SKIN,RESPIRATORY OR G.I.TRACTS;HARMFUL IF SWALLOWED.  
Explanation of Carcinogenicity:DATA PER MSDS  
Effects of Overexposure:EYE:IRR;SKIN:IRR,SENSITIZ;ING:HARMFUL IF  
SWALLOWED.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR  
RESPI  
RATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== First Aid Measures =====  
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First Aid:INHAL:FRESH AIR,REST,HALF UPRIGHT POSITION,GET MEDICAL  
ATTENTION. SKN:REMOVE CONTD CLTHG,RINSE SKN W/PLTY OF H\*20 & GET  
MEDICAL ATTENTION EYES: RINSE W/PLTY OF H\*20,SEE DR. INGEST:RINSE  
MOUTH,GIVE PLT Y OF H\*20 TO DRINK & GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====  
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Flash Point:NONE  
Extinguishing Media:E

XTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:NONE NOTED;COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:ABSORB IN INERT MATERIAL AND PLACE I  
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APPROPRIATE DISPOSAL CONTAINERS.FLUSH RESIDUE WITH COPIOUS AMOUNTS OF WATER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED.AVOID CONTACT WITH STRONG ACIDS AND STRONG ALKALIS

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE REQUIRED WITH ADEQUATE VENTILATION.USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.AT FULL STRENGTH,DILUTE 1:8(AS ON LABEL FOR STERILIZATION)DILUTE 1:16(AS DIRECTED ON LABEL FOR HIGH LEVEL HOSPITAL DISINFECTION)

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

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HCC:N1

Boiling Pt:B.P. Text:212F,100C

Vapor Pres:AS OF WATR

Vapor Density:0.8

Spec Gravity:1.05

Evaporation Rate & Reference:1(WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT AMBER LIQUID,SLIGHT PHENATE ODOR.

Percent Volatiles by Volume:84

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

Stability Indicator/Materials to Avoid:YES

STRONG ALKALIS AND ACIDS

Stability Condition to Avoid:TEMP ABOVE BOILING POINT OF WATER

Hazardous Decomposition Products:NO

NE

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE  
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND  
REGULATIONS.

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