

D'GERM PART BC-8

MSDS Number

BWMPV

National Stock Number

7930-00-259-9038

Product Name

D'GERM PART BC-8

Manufacturer

NATIONAL FILTRTION SYSTEM INC OXFORD CHEMICALS

Product Identification

Product ID:D'GERM PART BC-8

MSDS Date:08/16/1985

FSC:7930

NIIN:00-259-9038

MSDS Number: BWMPV

Responsible Party

NATIONAL FILTRTION SYSTEM INC./OXFORD CHEMICALS

OXFORD IS OUT OF BUSINESS

ATLANTA , GA 30366

US

Emergency Phone: 404-452-1100/800-424-9300(CHEMTREC)

Info Phone: 404-452-1100

Preparer: LOUISE MOORE

Cage: 9E135

Contractor

OXFORD CHEMICALS INC

ATLANTA, GA 30366

US

404-452-1100

Cage: 06645

Ingredients

HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA 302/313)

CAS: 7647-01-0

RTECS: MW4025000

Fraction By Weight: 4.0%

OSHA PELC 5 PPM

ACGIH TLV: C 5 PPM; 9495

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight: 22.0%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3/3 STEL; 9495

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPYL ALCOHOL (SARA 313)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 10.0%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM/500STEL;9495

DODECYLBENZENESULFONIC ACID (CERCLA)

CAS: 27176-87-0

RTECS: DB6600000

Fraction By Weight: 11.0%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- CORROSIVE. CAN CAUSE EYES, SKIN, RESPIRATORY & GI TRACTS SEVERE IRRITATION & BURNS. MAY CAUSE BLINDNESS. IF INGESTED, CAUSES SEVERE BURNS & PA IN OF GI TRACTS. MAY BE FATAL IF SWALLOWED. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS IRRITATION AND BURNS, COUGHING, CHOKING, CHEST PAIN, DIFFICULTY IN BREATHING, DIFFICULTY IN SWALLOWING, SEVERE ABDOMINAL PAIN, NAUSEA, VOMITI NG, DIARRHEA, COLLAPSE, UNCONSCIOUSNESS, DEATH

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION SUCH AS ASTHMA, BRONCHITIS, EMPHYSEMA MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

First Aid

First Aid:GET MEDICAL CARE IMMEDIATELY IN ALL CASES. SPEED IS ESSENTIAL TO AVOID BLINDNESS. EYES/SKIN:IMMEDIATELY FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. KEEP EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR . PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IFCONSCIOUS, DRINK SEVERAL GLASSES OF MILK OR WATER. DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR.

Fire Fighting

Flash Point:96.0F,35.6C

Extinguishing Media:USE CARBON DIOXIDE, WATER.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE.

Accidental Release

Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. REMOVE IGNITION SOURCES. REMOVE LARGE SPILLS WITH PUMP. NEUTRALIZE SMALL SPILLS WITH SODA ASH OR LIME. WITH CLEAN SHOVEL, PLACE MATERIAL INTO CONTAINER FOR DISPOSAL. WASH SPILL AREA WITH WATER. Neutralizing Agent: SODA ASH (SODIUM CARBONATE), LIME (CALCIUM HYDROXIDE), LIMESTONE (CA CARBONATE)

Handling

Handling and Storage Precautions: STORE IN COOL, WELL VENTILATED PLACE, IN CORROSION-PROOF AREA, AWAY FROM INCOMPATIBLES. KEEP CONTAINERS TIGHTLY CLOSED. KEEP OUT OF REACH OF CHILDREN. Other Precautions: DANGER! FLAMMABLE AND CORROSIVE. DO NOT GET IN EYES, ON SKIN/CLOTHING. AVOID BREATHING VAPORS/MIST/GAS. USE WITH ADEQUATE VENTILATION. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE. USE NON-SPARKING TOOLS.

Exposure Controls

Respiratory Protection: IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS. Ventilation: PROVIDE GENERAL VENTILATION OR LOCAL EXHAUST TO MEET OSHA PERMISSIBLE EXPOSURE LIMITS (OSHA PEL). Protective Gloves: NATURAL RUBBER OR NEOPRENE Eye Protection: CHEMICAL SAFETY GOGGLES AND FACE SHIELD Other Protective Equipment: USE RUBBER SPLASH APRON AND RUBBER BOOTS. EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY. Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. Supplemental Safety and Health

Chemical Properties

HCC: F6
NRC/State Lic Num: NOT RELEVANT
Boiling Pt: B.P. Text: 202F, 94C
Vapor Pres: 23.8 @ 77F
Spec Gravity: 1.15
pH: 1.5
Evaporation Rate & Reference: 0.97 (WATER=1)
Solubility in Water: COMPLETE
Appearance and Odor: GREEN OPAQUE SLIGHTLY VISCOUS LIQUID
Percent Volatiles by Volume: 16.5

Stability

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS, STRONG ACIDS, METALS
Stability Condition to Avoid: EXCESSIVE HEAT, FLAMES, SPARKS
Hazardous Decomposition Products: NONE

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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