SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: M ENDO BROTH MF 0749
Manufacturer Name: DIFCO LABORATORIES, INC
Address:
920 HENRY ST Box: 331058
City: DETROIT
State: MI
Zip: 48232-7058
Country: US
Business Phone: 313-462-8500
For information in North America, call: 313-462-8500
Health Phone: 313-462-8500/800-521-0851
Manufacturer MSDS Creation Date:
03/01/1990

SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASIC PARAFUCHSINE</td>
<td>569-61-9</td>
<td></td>
</tr>
<tr>
<td>2.19</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

RTECS:
CX9850100
OSHA PEL TWA: NOT ESTABLISHED
ACGIH TLV TWA: NOT ESTABLISHED
ACGIH STEL/Ceiling: N/P
Comments:
Other REC Limits: NONE RECOMMENDED ; Ozone Depleting Chemical: N ;

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM SULFITE</td>
<td>7757-83-7</td>
<td>4.8</td>
</tr>
</tbody>
</table>

RTECS:
WE2150000
OSHA PEL TWA: NOT ESTABLISHED
ACGIH TLV TWA: NOT ESTABLISHED
ACGIH STEL/Ceiling: N/P
Comments:
Other REC Limits: NONE RECOMMENDED ; Ozone Depleting Chemical: N ;

SECTION 3: HAZARDS IDENTIFICATION

Applies to all Ingredients.:

Route of Exposure:
Inhalation: YES Skin: NO Ingestion: NO

Potential Health Effects:
TARGET ORGANS: EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS.
ACUTE- MAY CAUSE EYES AND/OR SKIN IRRITATION. INHALATION OF DUSTS MAY
CAUSE RESPIRATORY TRACT IRRITATION. INGESTION MAY CAUSE IRRITATION OF
GASTROINTESTINAL TRACT. CHRONIC-UNKNOWN.

Carcinogenicity:
OVEREXPOSURE MAY CREATE CANCER RISK, PER MSDS.

OSHA Designation: NO
NTP Designation: NO
IARC Designation: NO

Signs/Symptoms:
IRRITATION

Aggravation of Pre-Existing Conditions:
UNKNOWN

LD 50 LC 50 Mixture
LD50 (ORAL RAT) IS UNKNOWN.

SECTION 4 : FIRST AID MEASURES

First Aid
GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.
EYE/SKIN: FLUSH WITH WATER FOR 15 MINUTES. HOLD
EYELIDS OPEN. IN CASE OF EYE CONTACT, CALL
PHYSICIAN. INHALED: REMOVE TO FRESH AIR. PROVIDE
CPR/OXYGEN IF NEEDED. ORAL: GET MEDICAL ATTENTION
IMMEDIATELY.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:
NONE
Flash Point Method:
N/P
Upper Flammable or Explosive Limit: N/R
Lower Flammable or Explosive Limit: N/R
Auto Ignition Temperature: N/R

Extinguishing Media:
WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE
WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Instructions:
WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS.

Unusual Fire Hazards:
UNKNOWN

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Leak Response:
WEAR PROTECTIVE EQUIPMENT. VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING DUST.
PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE WITH WATER.

Other Precautions:
DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN.

Neutralizing Agent
NOT RELEVANT

SECTION 7 : HANDLING and STORAGE

Handling:
STORE IN COOL, DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED.

SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation System:
ROOM VENTILATION IS SUFFICIENT UNDER NORMAL OFFICE CONDITIONS.

Hand Protection Description:
RUBBER

Eye/Face Protection:
SAFETY GOGGLES

Respiratory Protection:
NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR DUST MASK.

Other Protective:
EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Other:
N/P

Work Hygienic Practices
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:
PINKISH-PURPLE, HOMOGENOUS, FREE-FLOWING POWDER

pH:
N/R

Decomposition Temperature:
N/R

Vapor Pressure:
N/R

Vapor Density:
N/R

Boiling Point:
N/R

Melting Point:
N/R
Solubility In Water:
   COMPLETE WITH 2% ETOH
Specific Gravity:
   N/R
Evaporation Point:
   NOT RELEVANT
Percent Volatile:
   N/R
Viscosity:
   NOT RELEVANT
Other:
   Corrosion Rate: N/R
Comment:
   NRC/State LIC Number: NOT RELEVANT
HCC
   N1

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:
   YES
Conditions to Avoid:
   EXCESSIVE HEAT
Incompatibilities with Other Materials:
   UNKNOWN
Hazardous Polymerization:
   NO
Hazardous Decomposition Products:
   UNKNOWN
Conditions To Avoid Polymerization
   NOT RELEVANT

SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicological Paragraph:
   N/P

SECTION 12 : ECOLOGICAL INFORMATION

Ecological Paragraph:
   N/P

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:
   DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A
   CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. OBSERVE
   ALL LOCAL, STATE AND FEDERAL REGULATIONS.
SECTION 14 : TRANSPORT INFORMATION

Transportation Information:
N/P

SECTION 15 : REGULATORY INFORMATION

Applies to all ingredients:
SARA:
N/P
US Federal:
N/P
State:
N/P

SECTION 16 : ADDITIONAL INFORMATION

MSDS Author:
ELLEN M. BERNARD
Disclaimer:
Please note that although the information, opinions and recommendations contained in these Material Safety Data Sheets are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date.

Other Information
N/P

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