MATERIAL SAFETY DATA SHEET

SECTION 1: GENERAL INFORMATION

MANUFACTURED FOR JORGENSEN LABORATORIES, INC.
1450 VAN BUREN AVE.
LOVELAND, CO. 80538

PHONE NO.: 303-669-2800

CHEMICAL NAME AND SYNONYMS: Mixture

TRADE NAME AND SYNONYMS:

CHEMICAL FAMILY: Inorganic salts

FORMULA: MgCl2.6H2O in water with glycerin and hydroxypropyl methylcellulose

SECTION 2: HAZARDOUS INGREDIENTS

Not applicable

INCIREDI (CAS #:)
OSHA PEI AGENT TLV OTHER

MgCl2, CAS #: 7789-30-3, 36%
Hydroxypropyl methylcellulose, CAS #: 9004-65-3, 2%
Glycerin, CAS #: 910-58-1, 5%

SECTION 3: PHYSICAL/Chemical DATA

BOILING POINT (ºF): Slightly over water
VAPOR PRESSURE (mm Hg): Water solution
VAPOR DENSITY (air = 1): NA
SOLUBILITY IN WATER: Yes
APPEARANCE AND ODOR: Clear viscous fluid
SPECIFIC GRAVITY: 1.18
PERCENT VOLATILE BY VOLUME: 57%
EVAPORATION RATE: Water

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (method used): Not applicable
FLAMMABLES LIMIT, AIR VOLUM: LOWER: UPPPER:
EXTINGUISHING MEDIA:
SPECIAL FIRE FIGHTING PROCEDURES: None

SECTION 5: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUES: Not applicable
EFFECTS OF OVEREXPOSURE:
EMERGENCY AND FIRST AID PROCEDURES: None

SECTION 6: REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY [materials to avoid]: none
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Wipe up
MASTE DISPOSAL METHOD: Wash away with water or wipe up

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION [specify type]: Not applicable
VENTILATION: None
PROTECTIVE GLOVES: None
EYE PROTECTION: None
OTHER PROTECTIVE EQUIPMENT: None

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COMPAS Code: 13100270  MAC Approved Date: / / .

12/29/95
COMPAS Material Safety Data Service - North American Compendiums Inc.
MATERIAL SAFETY DATA SHEET

PRODUCT: MAG-GEL  J392

SECTION 1: GENERAL INFORMATION

MANUFACTURED FOR JORGENSEN LABORATORIES
PHONE NO.: (970) 667-0555
ADDRESS: 1450 N. VAN BUREN AVE., LOVELAND, CO. 80538

CHEMICAL NAME AND SYNONYMS: MIXTURE
TRADE NAME AND SYNONYMS:
CHEMICAL FAMILY: INORGANIC SALTS
FORMULA: MgCl₂·6H₂O in water with glycerin and Hydroxypropyl Methylcellulose

SECTION 2: HAZARDOUS INGREDIENTS
NOT APPLICABLE

INGREDIENT (CAS #)  OSHA PEL  ACGIH TLV  OTHER
(PPM)  (PPM)
MAGNESIUM CHLORIDE, CAS # 7786-30-3, 36%
HYDROXYPROPYL METHYLCPEL, CAS # 009004-65-3, 2%
GLYcerin, CAS #000056-21-5, 5%

SECTION 3: PHYSICAL/CHEMICAL DATA

BOILING POINT (F): SLIGHTLY OVER WATER
VAPOR PRESSURE (mm Hg): WATER SOLUTION
VAPOR DENSITY (AIR=1): NA
SOLUBILITY IN WATER: YES
APPEARANCE AND ODOR: CLEAR VISCOSO FLUID
SPECIFIC GRAVITY: 1.18
PERCENT VOLATILE BY VOLUME: 57%
EVAPORATION RATE: WATER

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used): NOT APPLICABLE
FLAMMABLE LIMIT, AIR VOL.% LOWER:
UPPER:
EXTINGUISHING MEDIA:

Special Fire Fighting Procedures: NONE
SECTION 5: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT APPLICABLE
EFFECTS OF OVEREXPOSURE: NONE
EMERGENCY AND FIRST AID PROCEDURES: NONE

SECTION 6: REACTIVITY DATA:

STABILITY: STABLE XXX
UNSTABLE XXX

CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (materials to avoid): NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: MAY OCCUR XXX
WILL NOT OCCUR XXX

CONDITIONS TO AVOID:

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WIPE UP
WASTE DISPOSAL METHOD: WASH AWAY WITH WATER OR WIPE UP.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): NOT APPLICABLE
VENTILATION: NONE
PROTECTIVE GLOVES: NONE
EYE PROTECTION: NONE
OTHER PROTECTIVE EQUIPMENT: NONE

SECTION 9: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NONE
OTHER PRECAUTIONS: NONE

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