

----- MATERIAL SAFETY DATA SHEET -----

DEXTROSE SOLUTION 50%

Phoenix Scientific

PSI MSDS NO.: 600001

SECTION I

MANUFACTURER'S NAME: PHOENIX SCIENTIFIC, INC.

3915 S. 48TH STREET TERRACE

ST. JOSEPH, MO 64503

EMERGENCY TELEPHONE NO.: 816-364-3777 (days)

816-487-2010 (evenings)

CHEMICAL NAME AND SYNONYMS: Dextrose 50% Solution

TRADENAME AND SYNONYMS: Dextrose Solution 50%

CHEMICAL FAMILY: Glucose

FORMULA: N/A Chemical Mixture

SECTION II - HAZARDOUS INGREDIENTS

% TLV (Units)

N/A

SECTION III - PHYSICAL DATA

BOILING POINT (deg F): 100 deg C

VAPOR PRESSURE (mm Hg): N/A

VAPOR DENSITY (Air = 1): N/A

SPECIFIC GRAVITY (H₂O = 1): 1.15

PERCENT, VOLATILE BY VOLUME (%): N/A

EVAPORATION RATE (_____ = 1): N/A

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Clear, colorless to pale yellow
solution/sweet aroma to none.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): N/A

FLAMMABLE LIMITS: N/A

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: As appropriate for surrounding
material.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: Nausea, vomiting, shortness of breath.

TARGET ORGANS: Eyes, skin, GI tract

PRIMARY ROUTES OF ENTRY: Eye & skin contact, ingestion.

EYE CONTACT: Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Wash with soap and water. Seek medical attention if irritation persists.

INHALATION: Remove victim to fresh air. Apply artificial respiration if needed.

INGESTION: Induce vomiting if victim is conscious. (Never induce vomiting in an unconscious person) Seek medical attention if adverse reactions occur.

EMERGENCY AND FIRST AID PROCEDURES: Contact nearest poison control center.

NTP: No

IARC: No

Z LIST: No

OSHA: No

EPA: No

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: None Known

INCOMPATIBILITY (Materials to avoid): None Known

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None Known

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Flush to drain using plenty of water.

WASTE DISPOSAL METHOD: As per local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type): None normally required.

VENTILATION:

LOCAL EXHAUST: None normally required

MECHANICAL (General): N/A

SPECIAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: If desired.

EYE PROTECTION: Yes

OTHER PROTECTIVE EQUIPMENT: Special protective equipment

not normally needed.

SECTION IX - SPECIAL PRECAUTIONS

CAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store per label directions.

OTHER PRECAUTIONS: READ AND FOLLOW ALL LABEL DIRECTIONS

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PREPARED BY:

DATE: 11/6/91

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