

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name: 5% & 10% Dextrose Injection, USP (freeflex®)
Manufacturer Name: Fresenius Kabi Deutschland GmbH
Address: Freseniusstraße 1
 Friedberg, Hesse 61169
 Germany
General Phone Number: +49 6172 686 0
Customer Service Phone Number: (888) 386-1300
Health Issues Information: (800) 551-7176
Technical Product Information: +49 6172 686 8599
Emergency Phone Number: 8475502300
Distributor Name: Fresenius Kabi USA, LLC
Address: Three Corporate Drive
 Lake Zurich, Illinois 60047
General Phone Number: (847) 550-2300
Customer Service Phone Number: (888) 386-1300
Health Issues Information: (800) 551-7176
SDS Creation Date: March 21, 2017
SDS Revision Date: February 12, 2024

SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Class: Reproductive toxicity. Effects on or via lactation.
Hazard Statements: May cause harm to breast-fed children.
Precautionary Statements: Obtain special instructions before use.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Avoid contact during pregnancy and while nursing.
 Wash hands thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 IF exposed or concerned: Get medical advice/attention.

Emergency Overview: Non hazardous.
Route of Exposure: Inhalation Ingestion Eye contact Skin Absorption. Injection.
Potential Health Effects: No effects expected.
Signs/Symptoms: No effects expected.
Aggravation of Pre-Existing Conditions: No effects expected.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Dextrose	492-62-6	5 - 10 %	
Water for Injection	7732-18-5	quantity sufficient	

SECTION 4 : FIRST AID MEASURES

Eye Contact: No unusual emergency conditions are expected from this product.
Skin Contact: No unusual emergency conditions are expected from this product.
Inhalation: No unusual emergency conditions are expected from this product.
Ingestion: No unusual emergency conditions are expected from this product.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:	Not established.
Flash Point Method:	Not established.
Auto Ignition Temperature:	Not established.
Lower Flammable/Explosive Limit:	Not established.
Upper Flammable/Explosive Limit:	Not established.
Fire Fighting Instructions:	Not applicable.
Extinguishing Media:	Not applicable.
Protective Equipment:	Not applicable.
Hazardous Combustion Byproducts:	Not applicable.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Not applicable.
Environmental Precautions:	Not applicable.
Methods for containment:	Contain spill using inert absorbent material.
Methods for cleanup:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. After removal, flush spill area with soap and water to remove trace residue.

SECTION 7 : HANDLING and STORAGE

Handling:	Not applicable.
Storage:	Store at controlled room temperature 20 to 25°C (68 to 77°F). [See USP Controlled Room Temperature]. Do not freeze.
Work Practices:	Not applicable.
Hygiene Practices:	Not applicable.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:	Not applicable. (General ventilation is sufficient if this product is being used in a controlled art studio setting for its sole intended photo-shooting purpose for the Marketing Catalog. NOTE: This product demo is a dummy for product catalog photo-shooting only; thus it is not a real pharmaceutical injectable product. It is not intended for real parenteral (injection) purposes).
Eye/Face Protection:	Not applicable.
Skin Protection Description:	Not applicable.
Hand Protection Description:	Not applicable.
Respiratory Protection:	Not applicable.

EXPOSURE GUIDELINES

SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

Physical State:	Liquid.
Color:	Clear
Boiling Point:	Not established.
Melting Point:	Not established.
Solubility:	Soluble. in water.
Vapor Density:	Not established.
Vapor Pressure:	Not established.
Percent Volatile:	Not established.
pH:	Not established.
Molecular Formula:	Mixture
Flash Point:	Not established.
Flash Point Method:	Not established.
Auto Ignition Temperature:	Not established.

SECTION 10 : STABILITY and REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.
Hazardous Polymerization: Not reported.
Conditions to Avoid: Protect from freezing.

SECTION 11 : TOXICOLOGICAL INFORMATION

Water for Injection :

Eye: Non hazardous.
Skin: Non hazardous.
Inhalation: Non hazardous.
Ingestion: Non hazardous.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal: This material is not expected to be a characteristic hazardous waste under RCRA.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated.
DOT UN Number: Not Regulated.

SECTION 15 : REGULATORY INFORMATION

TSCA Inventory Status: Not Regulated.
Canada DSL: Not Regulated.

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

HMIS Health Hazard: 0
HMIS Fire Hazard: 0
HMIS Reactivity: 0
HMIS Personal Protection: X

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SDS Revision Notes: Overall SDS review - no changes.

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