SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

Product Name:	**5% Dextrose Injection, USP**
Synonyms:	5% Dextrose Injection, USP (freeflex®)
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 03, 2017
SDS Revision Date:	March 07, 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 Date:	March 07, 2024
SDS Revision Notes:	Overall SDS review - no changes to formulation. Removed former co-manufacturer in Section 1.
Disclaimer:	The information contained herein pertains to this material. It is the responsibility of each individual party to determine for themselves the proper means of handling and using these materials based on their purpose and intended use. Fresenius-Kabi assumes no liability resulting from the use of or reliance upon the information contained in this material safety data sheet. This material safety data sheet does not constitute the guaranty or specifications of the product.

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