



Revision date 18-Jun-2025 Version 4 Page 1/14

# Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Product Code(s) PZ03175

Trade Name: LMD in Sodium Chloride Injection

Chemical Family: Not determined

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Pharmaceutical product

#### 1.3. Details of the supplier of the safety data sheet

Hospira, A Pfizer Company 275 North Field Drive

Lake Forest, Illinois 60045

1-800-879-3477

Pfizer Ireland Pharmaceuticals

OSG Building

Ringaskiddy, Co. Cork.

Ireland

+353 21 4378701

E-mail address pfizer-MSDS@pfizer.com

#### 1.4. Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300 International Chemtrec (24 hours):+1-703-527-3887

### Section 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

GHS - Classification: This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

#### **OSHA Classification**

Hazards not otherwise classified (HNOC)

Not applicable

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

Not applicable

2.2. Label elements

Signal word Not classified

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Page 2/14 Revision date 18-Jun-2025 Version 4

**Hazard statements** Not classified in accordance with international standards for workplace safety.

**Supplemental Hazard** Compound, not fully tested, additional hazards may exist.

2.3. Other hazards

Other hazards An Occupational Exposure Value has been established for one or more of the ingredients

(see Section 8).

PBT & vPvB The product does not contain any substance(s) classified as PBT or vPvB.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

Note: This document has been prepared in accordance with standards for workplace safety, which

require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

# Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

**Substances** Not applicable

#### 3.2 Mixtures

Hazardous							
Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Sodium hydroxide (CAS #: 1310-73-2)	**	-	215-185-5 (011-002-00-6)	Skin Corr.1A (H314)	Eye Irrit. 2 :: 0.5%<=C<2% Skin Corr. 1A :: C>=5% Skin Corr. 1B :: 2%<=C<5% Skin Irrit. 2 :: 0.5%<=C<2%	No data available	No data available
+ Hydrochloric Acid (CAS #: 7647-01-0)	**	-	231-595-7 (017-002-00-2) (017-002-01-X)		Eye Irrit. 2 :: 10%<=C<25% Skin Corr. 1B :: C>=25% Skin Irrit. 2 :: 10%<=C<25% STOT SE 3 :: C>=10%	No data available	No data available
NonHazardous			•				
Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)

(EC) No. 1272/2008

				[CLP]			
Water	*	-	231-791-2	Not classified	Not classified	No data	No data
(CAS #: 7732-18-5)						available	available
Dextran	10		232-677-5	Not classified	Not classified	No data	No data
(CAS #: 9004-54-0)						available	available
SODIUM CHLORIDE	*	-	231-598-3	Not classified	Not classified	No data	No data
(CAS #: 7647-14-5)						available	available

#### Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

Chemical name	Oral LD50 mg/kg		Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Water 7732-18-5	89838.9	No data available	No data available	No data available	No data available
Dextran 9004-54-0	3000	No data available	No data available	No data available	No data available
SODIUM CHLORIDE 7647-14-5	3550	10000	No data available	No data available	No data available
Sodium hydroxide 1310-73-2	325	1350	No data available	No data available	No data available
+ Hydrochloric Acid 7647-01-0	238	5010	No data available	No data available	563.3022

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59).

#### **Additional information**

- + Substance with a Union workplace exposure limit
- \* Proprietary
- \*\* to adjust pH

Non-hazardous ingredients provided for completeness. Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety. In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as a trade secret.

# Section 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

Inhalation Remove to fresh air. Seek immediate medical attention/advice.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Skin contact Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek

medical attention.

Never give anything by mouth to an unconscious person. Wash out mouth with water. Do Ingestion

not induce vomiting unless directed by medical personnel. Seek medical attention

immediately.

#### 4.2. Most important symptoms and effects, both acute and delayed

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Page 4/14 Revision date 18-Jun-2025 Version 4

Most important symptoms and

effects

For information on potential signs and symptoms of exposure, See Section 2 - Hazards

Identification and/or Section 11 - Toxicological Information.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians None.

### Section 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical, CO2, alcohol-resistant foam or water spray.

#### 5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

Fine particles (such as mists) may fuel fires/explosions.

chemical

**Hazardous combustion products** Formation of toxic gases is possible during heating or fire.

**Explosion data** 

Sensitivity to mechanical impact No information available. No information available. Sensitivity to static discharge

#### 5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

# Section 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personnel involved in clean-up should wear appropriate personal protective equipment (see Personal precautions

Section 8). Minimize exposure.

Use personal protection recommended in Section 8. For emergency responders

6.2. Environmental precautions

**Environmental precautions** Place waste in an appropriately labeled, sealed container for disposal. Care should be

taken to avoid environmental release.

#### 6.3. Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. **Methods for containment** 

Contain the source of the spill if it is safe to do so. Absorb spills with non-combustible Methods for cleaning up

absorbent material and transfer into a labeled container for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

# Section 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes or clothing. Advice on safe handling

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.) Page 5/14 Version 4

> When handling, use appropriate personal protective equipment (see Section 8). Wash thoroughly after handling. Releases to the environment should be avoided. Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors,

HEPA filtration systems or other equivalent controls.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store as directed by product packaging.

7.3. Specific end use(s)

Revision date 18-Jun-2025

Specific use(s) Pharmaceutical product.

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

#### **Exposure Limits**

Refer to available public information for specific member state Occupational Exposure Limits.

**SODIUM CHLORIDE** 

Latvia TWA: 5 mg/m<sup>3</sup>; Russia MAC: 5 mg/m<sup>3</sup>

Sodium hydroxide

ACGIH OEL (Ceiling) 2 ma/m3 **ACGIH TLV** 

Ceiling: 2 mg/m3

TWA-TMW: 2 mg/m<sup>3</sup>; inhalable fraction Austria

STEL-KZGW: 4 mg/m³ (8 X 5 min); inhalable fraction

TWA: 2.0 mg/m<sup>3</sup>; alkaline aerosols Bulgaria

Czech Republic  $1 \text{ mg/m}^3$ 

Ceiling: 2 mg/m<sup>3</sup> Ceiling: 2 mg/m3; Denmark Estonia TWA: 1 mg/m<sup>3</sup>; STEL: 2 mg/m3;

Finland Ceiling: 2 mg/m3; 2 mg/m<sup>3</sup>

France TWA-AK: 1 mg/m3; Hungary

STEL-CK: 2 mg/m3; Ireland STEL: 2 mg/m3;

Ceiling Limit Value 2 mg/m<sup>3</sup> Latvia TWA: 0.5 mg/m<sup>3</sup>;

Poland TWA-NDS: 0.5 mg/m<sup>3</sup>; STEL-NDSCh: 1 mg/m3;

Romania TWA: 1 mg/m<sup>3</sup>; STEL: 3 mg/m3; Slovakia TWA: 2 mg/m3;

Spain STEL (VLA-EC): 2 mg/m3;

Switzerland TWA-MAK: 2 mg/m3; inhalable dust STEL-KZGW: 2 mg/m3; inhalable dust

**OSHA PEL** TWA: 2 mg/m<sup>3</sup>

(vacated) Ceiling: 2 mg/m<sup>3</sup>

United Kingdom STEL: 2 mg/m3;

+ Hydrochloric Acid

ACGIH OEL (Ceiling) 2 ppm

**ACGIH TLV** Ceiling: 2 ppm Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.) Revision date 18-Jun-2025

Austria	TWA-TMW: 5 ppm;
	TWA-TMW: 8 mg/m <sup>3</sup> ;
	CTEL 1/70W/ 10 ppm

STEL-KZGW: 10 ppm (8 X 5 min); STEL-KZGW: 15 mg/m³ (8 X 5 min);

Bulgaria STEL-KZGW: 15 mg/m³ (8 X 5 mir

TWA: 8.0 mg/m³; STEL: 10 ppm; STEL: 15.0 mg/m³;

Czech Republic 8 mg/m<sup>3</sup>

 $\begin{array}{ccc} & & \text{Ceiling: 15 mg/m}^3 \\ \text{Denmark} & & \text{STEL: 5 ppm;} \\ & & & \text{STEL: 8 mg/m}^3; \\ \text{Estonia} & & \text{TWA: 5 ppm;} \end{array}$ 

TWA: 8 mg/m³; STEL: 10 ppm; STEL: 15 mg/m³; TWA: 5 ppm;

European Union TWA: 5 ppm;
TWA: 8 mg/m³;
STEL: 10 ppm;

STEL: 10 ppm; STEL: 15 mg/m³; STEL: 5 ppm; STEL: 7.6 mg/m³;

STEL: 7.6 mg/m³;

Germany DFG

TWA-MAK: 2 ppm; I(2);

TWA-MAK: 3.0 mg/m³; I(2);

Peak: 4 ppm; Peak: 6 mg/m<sup>3</sup>;

Germany TRGS

TWA-AGW; 2 ppm (exposure factor 2);

TWA-AGW; 3 mg/m³ (exposure factor 2);

Hungary TWA-AGW, 3 mg/m<sup>-</sup> (expo

TWA-AK: 5 ppm; STEL-CK: 165 mg/m³; STEL-CK: 10 ppm; TWA: 8 mg/m³;

Ireland TWA: 8 mg/m³; TWA: 5 ppm;

STEL: 10 ppm; STEL: 15 mg/m<sup>3</sup>; TWA: 5 ppm; TWA: 8 mg/m<sup>3</sup>·

Italy MDLPS

TWA: 5 ppm;

TWA: 8 mg/m³;

STEL: 10 ppm;

STEL: 10 ppm; STEL: 15 mg/m<sup>3</sup>; 2 ppm

Ceiling Limit Value 2 ppm 3.0 mg/m³ Latvia TWA: 5 ppm;

TWA: 8 mg/m³; STEL: 10 ppm; STEL: 15 mg/m³;

Netherlands TWA: 5 ppm;

TWA: 8 mg/m³; STEL: 10 ppm; STEL: 15 mg/m³; TWA-NDS: 5 mg/m³;

Poland TWA-NDS: 5 mg/m³; STEL-NDSCh: 10 mg/m³; Romania TWA: 5 ppm:

TWA: 5 ppm; TWA: 8 mg/m³; STEL: 10 ppm;

Russia STEL: 15 mg/m³; Russia MAC: 5 mg/m³ Slovakia TWA: 5 ppm;

PZ03175

Finland

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Page 7/14 Revision date 18-Jun-2025 Version 4

TWA: 8.0 mg/m<sup>3</sup>;

Ceiling: 15 mg/m3; TWA-(VLA-ED): 5 ppm;

TWA-(VLA-ED): 7.6 mg/m<sup>3</sup>; STEL (VLA-EC): 10 ppm;

STEL (VLA-EC): 15 mg/m3; Switzerland TWA-MAK: 2 ppm;

> TWA-MAK: 3 mg/m<sup>3</sup>; STEL-KZGW: 4 ppm; STEL-KZGW: 6 mg/m<sup>3</sup>;

5 ppm U.S. - OSHA - Final PELs - Ceiling Limits

7 mg/m<sup>3</sup> **OSHA PEL** Ceiling: 5 ppm

Ceiling: 7 mg/m<sup>3</sup> (vacated) Ceiling: 5 ppm (vacated) Ceiling: 7 mg/m<sup>3</sup>

TWA: 1 ppm; gas and aerosol mist United Kingdom

TWA: 2 mg/m3; gas and aerosol mist STEL: 5 ppm; gas and aerosol mist STEL: 8 mg/m<sup>3</sup>; gas and aerosol mist

**Pfizer Occupational Exposure Band** 

(OEB) Statement:

Spain

The purpose of the Occupational Exposure Band (OEB) classification system is to separate substances into different Hazard categories when the available data are sufficient to do so, but inadequate to establish an Occupational Exposure Limit (OEL). The OEB given is based upon an analysis of all currently available data; as such, this value may be subject to

revision when new information becomes available.

**SODIUM CHLORIDE** 

Pfizer Occupational Exposure

Band (OEB):

OEB 1 (control exposure to the range of 1000ug/m<sup>3</sup> to 3000ug/m<sup>3</sup>)

8.2. Exposure controls

Personal protective equipment

Engineering controls should be used as the primary means to control exposures. General **Engineering controls** 

room ventilation is adequate unless the process generates dust, mist or fumes. Keep airborne contamination levels below the exposure limits listed above in this section. Refer to applicable national standards and regulations in the selection and use of personal

protective equipment (PPE). Contact your safety and health professional or safety equipment supplier for assistance in selecting the correct protective clothing/equipment based on an assessment of the workplace conditions, other chemicals used or present in

the workplace and specific operational processes.

Wear safety glasses or goggles if eye contact is possible. (Eye protection must meet the Eye/face protection

standards in accordance with EN166, ANSI Z87.1 or international equivalent.).

Hand protection Impervious gloves (e.g. Nitrile, etc.) are recommended if skin contact with drug product is

possible and for bulk processing operations. (Protective gloves must meet the standards in

accordance with EN374, ASTM F1001 or international equivalent.).

Skin and body protection Impervious protective clothing is recommended if skin contact with drug product is possible

and for bulk processing operations. (Protective clothing must meet the standards in

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Page 8/14 Revision date 18-Jun-2025 Version 4

accordance with EN13982, ANSI 103 or international equivalent.).

Under normal conditions of use, if the applicable Occupational Exposure Limit (OEL) is Respiratory protection

exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL (e.g. particulate respirator with a half mask, P3 filter).

(Respirators must meet the standards in accordance with EN140, EN143, ASTM F2704-10

or international equivalent.).

Thermal hazards No information available.

**Environmental exposure controls** No information available.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Liquid solution **Appearance** 

Physical state Liquid

Color No information available Odor No information available. **Odor threshold** No information available

Property Values

Melting point / freezing point No data available Boiling point or initial boiling point and boiling range No data available Flammability (solid, gas) No data available

Lower and upper explosion limit/flammability limit

No data available Lower explosion limit No data available Upper explosion limit Flash point No data available **Autoignition temperature** No data available

**Decomposition temperature** 

SADT (°C) No data available

3.5-7.0 pН

pH (as aqueous solution) No data available Kinematic viscosity No data available No data available Dynamic viscosity No data available Solubility No data available Vapor pressure No data available Density and/or relative density **Bulk density** No data available

**Liquid Density** No data available Vapor density No data available

**Particle characteristics** No information available **Particle Size Particle Size Distribution** No information available

9.2. Other information

Molecular formula Mixture Molecular weight Mixture

### 9.2.1. Information with regard to physical hazard classes

No information available

#### 9.2.2. Other safety characteristics

No information available

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.) Revision date 18-Jun-2025

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

**Stability** Stable under normal conditions.

**Explosion data** 

**Sensitivity to mechanical impact** No information available. **Sensitivity to static discharge** No information available.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No information available.

10.4. Conditions to avoid

**Conditions to avoid** Fine particles (such as mists) may fuel fires/explosions.

10.5. Incompatible materials

**Incompatible materials** As a precautionary measure, keep away from strong oxidizers.

10.6. Hazardous decomposition products

Hazardous decomposition products No data available.

#### Section 11: TOXICOLOGICAL INFORMATION

# 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**General Information:** The information included in this section describes the potential hazards of the individual

ingredients

**Known Clinical Effects:** Serious allergic reactions, including anaphylaxis, have been reported.

**Acute toxicity** Based on available data, the classification criteria are not met. Serious eye damage/eye irritation Based on available data, the classification criteria are not met. Skin corrosion/irritation Based on available data, the classification criteria are not met. Respiratory or skin sensitization Based on available data, the classification criteria are not met. STOT - single exposure Based on available data, the classification criteria are not met. STOT - repeated exposure Based on available data, the classification criteria are not met. Reproductive toxicity Based on available data, the classification criteria are not met. Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

#### Acute Toxicity: (Species, Route, End Point, Dose)

Dextran

Rat Oral LD50 > 3000 mg/kg

SODIUM CHLORIDE

Rat Sub-tenon injection (eye) LC50/1hr > 42 g/m<sup>3</sup>

Rat Oral LD 50 3 g/kg Mouse Oral LD 50 4 g/kg Rabbit Dermal LD 50 > 10 g/kg

Sodium hydroxide

Mouse IP LD50 40 mg/kg

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	-	-
Dextran	> 3 g/kg (Rat)	-	-

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Page 10 / 14 Revision date 18-Jun-2025 Version 4

SODIUM CHLORIDE	= 3550 mg/kg (Rat)	> 10000 mg/kg (Rabbit)	> 42 mg/L (Rat)1 h
Sodium hydroxide	= 325 mg/kg ( Rat )	= 1350 mg/kg (Rabbit)	-
+ Hydrochloric Acid	238 - 277 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	= 1.68 mg/L (Rat)1 h

A greater than symbol (>) indicates that the toxicity endpoint being tested was not **Acute Toxicity Comments:** 

achievable at the highest dose used in the test.

Irritation / Sensitization: (Study Type, Species, Severity)

SODIUM CHLORIDE

Skin irritation Rabbit Mild Eye irritation Rabbit Mild

Sodium hydroxide

Eye Irritation Rabbit Severe Skin Irritation Rabbit Severe

+ Hydrochloric Acid

Skin irritation Severe Eye irritation Severe

Genetic Toxicity: (Study Type, Cell Type/Organism, Result)

+ Hydrochloric Acid

Bacterial Mutagenicity (Ames) Salmonella Negative

In Vivo Micronucleus Rat Negative

Carcinogenicity None of the components of this formulation are listed as a carcinogen by IARC, NTP or

OSHA.

+ Hydrochloric Acid

Group 3 IARC

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Based on available data, the classification criteria are not met. **Endocrine disrupting properties** 

11.2.2. Other information

Other adverse effects No information available.

Section 12: ECOLOGICAL INFORMATION

**Environmental Overview:** Releases to the environment should be avoided. Environmental properties have not been

investigated. Based on available data, the classification criteria are not met.

12.1. Toxicity

No information available

12.2. Persistence and degradability

Persistence and degradability No information available.

#### Page 11 / 14 Version 4

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.) Revision date 18-Jun-2025

12.3. Bioaccumulative potential

**Bioaccumulation** No information available.

12.4. Mobility in soil

Mobility in soil No information available.

#### 12.5. Results of PBT and vPvB assessment

#### PBT and vPvB assessment

Chemical name	PBT and vPvB assessment
SODIUM CHLORIDE	Not PBT/vPvB PBT assessment does not apply
Sodium hydroxide	Not PBT/vPvB PBT assessment does not apply
+ Hydrochloric Acid	Not PBT/vPvB PBT assessment does not apply

#### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** Based on available data, the classification criteria are not met.

12.7. Other adverse effects

Other adverse effects No information available.

PMT or vPvM properties Based on available data, the classification criteria are not met.

# Section 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

### Waste from residues/unused products

Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

# Section 14: TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

UN number:
UN proper shipping name:
Transport hazard class(es):
Packing group:
Not applicable
Not applicable
Not applicable
Not applicable
Not applicable

PZ03175

# Section 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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CERCLA/SARA Section 313 de minimus % Not Listed California Proposition 65 Not Listed TSCA Present EINECS 231-791-2 AICS Present

Dextran

CERCLA/SARA Section 313 de minimus % Not Listed
California Proposition 65 Not Listed
TSCA Present
EINECS 232-677-5
AICS Present

SODIUM CHLORIDE

CERCLA/SARA Section 313 de minimus % Not Listed
California Proposition 65 Not Listed
TSCA Present
EINECS 231-598-3
AICS Present

Sodium hydroxide

CERCLA/SARA Section 313 de minimus % Not Listed **Hazardous Substances RQs** 1000 lb **California Proposition 65** Not Listed Present **TSCA** 215-185-5 **EINECS AICS** Present Standard for Uniform Scheduling of Medicines and Schedule 5 Poisons (SUSMP) Schedule 6

+ Hydrochloric Acid

CERCLA/SARA Section 313 de minimus % 1.0 % **Hazardous Substances RQs** 5000 lb **California Proposition 65** Not Listed **TSCA** Present **EINECS** 231-595-7 **AICS** Present Standard for Uniform Scheduling of Medicines and Schedule 5 Schedule 6 Poisons (SUSMP)

### National regulations

**France** 

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
SODIUM CHLORIDE 7647-14-5	RG 78

#### **Germany**

**Chemical Prohibition Ordinance (ChemVerbotsV)** 

Not applicable

#### Page 13/14 Version 4

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Revision date 18-Jun-2025

**TRGS 905** 

Not applicable

#### Switzerland

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable Storage of Hazardous Material Not applicable WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20 Not applicable **Major Accidents Ordinance SR 814.012** Not applicable

### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

#### Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH	Substance subject to authorization per
	Annex XVII	REACH Annex XIV
Sodium hydroxide 1310-73-2	75	-
+ Hydrochloric Acid 7647-01-0	75	-

### **Persistent Organic Pollutants**

Not applicable

Named dangerous substances per Seveso Directive (2012/18/FII)

Named dangerous substances per occess birective (2012/10/20)						
	Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)			
	+ Hydrochloric Acid	25	250			
	7647-01-0					

#### Ozone-depleting substances (ODS) Regulation (EU) 2024/590

Not applicable.

EU - Plant Protection Products (1107/2009/EC)

Chemical name	EU - Plant Protection Products (1107/2009/EC)	
SODIUM CHLORIDE	Plant protection agent	
7647-14-5		

Biocidal Products Regulation (EU) No 528/2012 (BPR)

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
SODIUM CHLORIDE	Product-type 1: Human hygiene
7647-14-5	
+ Hydrochloric Acid	Product-type 2: Disinfectants and algaecides not intended
7647-01-0	for direct application to humans or animals

### Explosives Precursors Marketing and Use (2019/1148)

Not applicable

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PZ03175

Product Name Dextran in Sodium Chloride Injection (Hospira, Inc.)

Revision date 18-Jun-2025

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIOC - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

#### 15.2. Chemical safety assessment

Chemical Safety Report No information available

### Section 16: OTHER INFORMATION

#### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H314 - Causes severe skin burns and eye damage. H373 - May cause damage to organs through prolonged or repeated exposure.

**Data Sources:** Safety data sheets for individual ingredients. Publicly available toxicity information.

Reason for revision Updated Section 1 - Identification of the Substance/Preparation and the

Company/Undertaking. Updated Section 2 - Hazard Identification. Updated Section 3 - Composition / Information on Ingredients. Updated Section 11 - Toxicology Information. Updated Section 12 - Ecological Information. Updated Section 15 - Regulatory Information.

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Prepared By Pfizer Global Environment, Health, and Safety

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