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

#### 1.1. Product identifier

Product Name NIPENT® (pentostatin for injection) (Hospira Inc.)

Product Code(s) PZ03098
Trade Name: Nipent
Chemical Family: Mixture

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

Recommended Use Pharmaceutical product used as Antineoplastic

#### 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: Regulated according to Regulation (EC) 1272/2008 and/or other applicable regulations.

Acute toxicity - OralCategory 4 - (H302)Germ cell mutagenicityCategory 2 - (H341)Reproductive toxicityCategory 1B - (H360D)

2.2. Label elements

Signal word Danger

Hazard statements H302 - Harmful if swallowed

H341 - Suspected of causing genetic defects H360D - May damage the unborn child

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## **Precautionary Statements**

P201 - Obtain special instructions before use

P264 - Wash hands thoroughly after handling

P270 - Do not eat, drink or smoke when using this product P281 - Use personal protective equipment as required

P301+ P310 - IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician

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P308 + P313 - IF exposed or concerned: Get medical attention/advice

P405 - Store locked up

P501 - Dispose of contents/container in accordance with all local and national regulations



2.3. Other hazards
Other hazards

An Occupational Exposure Value has been established for one or more of the ingredients (see Section 8).

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	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Pentostatin (CAS #: 53910-25-1)	10-20		Not Listed	Acute Tox.3 (H301) Repr.1B (H360D) Muta.2 (H341)	Not Listed	No data available	No data available
Sodium hydroxide (CAS #: 1310-73-2)	**	-	215-185-5	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	Acute Tox. 3 (H331) Skin Corr. 1A	Eye Irrit. 2 :: 10%<=C<25% Skin Corr. 1B ::		No data available

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

**Acute Toxicity Estimate** 

Chemical name	Oral LD50	Dermal LD50		Inhalation LC50 - 4	
			hour - dust/mist - mg/L	hour - vapor - mg/L	hour - gas - ppm
Pentostatin 53910-25-1	227 (Mouse)	No data available	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

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.

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

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

immediately.

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

Most important symptoms and For infor

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

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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 dust and mists) may fuel fires/explosions.

chemical

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

5.3. Advice for firefighters

Special protective equipment for fire-fighters

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

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Use personal protection equipment.

## Section 6: ACCIDENTAL RELEASE MEASURES

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

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

Section 8). Minimize exposure.

For emergency responders Use personal protection recommended in Section 8.

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

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Avoid use of a filtered vacuum to clean spills of dry solids. Contain the source of the spill or leak. Clean spill area thoroughly. Collect spilled material by a method that controls dust

generation.

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

#### Advice on safe handling

Restrict access to work area. Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes, skin and clothing. 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)

**Specific use(s)** Pharmaceutical product used as. Antineoplastic.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

#### **Exposure Limits**

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

**Pentostatin** 

Pfizer OEL TWA-8 Hr: 0.06 µg/m<sup>3</sup>

Sodium hydroxide

 ACGIH OEL (Ceiling)
 2 mg/m³

 ACGIH TLV
 Ceiling: 2 mg/m³

 Austria
 2 mg/m³

 STEL 4 mg/m³

Bulgaria 2.0 mg/m³ Czech Republic 1 mg/m³

Ceiling: 2 mg/m³
Denmark Ceiling: 2 mg/m³
Estonia 1 mg/m³

 $\begin{array}{ccc} Estonia & 1 \ mg/m^3 \\ STEL: 2 \ mg/m^3 \\ Finland & Ceiling: 2 \ mg/m^3 \end{array}$ 

France 2 mg/m³
Hungary 1 mg/m³

STEL: 2 mg/m³
Ireland STEL: 2 mg/m³
Ceiling Limit Value 2 mg/m³

 Latvia
 0.5 mg/m³

 Poland
 STEL: 1 mg/m³

 Romania
 1 mg/m³

 CTEL: 0 mg/m³

 Slovakia
 2 mg/m³

 Spain
 STEL: 2 mg/m³

 Switzerland
 2 mg/m³

 STEL: 2 mg/m³
 STEL: 2 mg/m³

OSHA PEL 2 mg/m<sup>3</sup>

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

United Kingdom STEL: 2 mg/m<sup>3</sup>

+ Hydrochloric Acid

**European Union** 

ACGIH OEL (Ceiling) 2 ppm ACGIH TLV Ceiling: 2 ppm

Austria 5 ppm 8 mg/m³ STEL 10 ppm

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

Bulgaria STEL: 10 ppm STEL: 15.0 mg/m³

5 ppm 8.0 mg/m<sup>3</sup> 8 mg/m<sup>3</sup>

Czech Republic 8 mg/m³
Ceiling: 15 mg/m³

Estonia Ceiling: 15 mg/m

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

TWA: 8 mg/m<sup>3</sup> STEL: 10 ppm

STEL: 10 ppm STEL: 15 mg/m<sup>3</sup> STEL: 5 ppm

Finland STEL: 5 ppm

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STEL: 7.6 mg/m<sup>3</sup>

Germany 2 ppm 3.0 mg/m³

Ceiling / Peak: 4 ppm Ceiling / Peak: 6 mg/m<sup>3</sup> Page 6/12

Germany Ceiling / Peak: 6 mg/r

3 mg/m³ Hungary 8 mg/m³

STEL: 16 mg/m<sup>3</sup>

 Ireland
 8 mg/m³

 5 ppm

 STEL: 10 ppm

 STEL: 15 mg/m³

Italy 5 ppm 8 mg/m<sup>3</sup>

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

Ceiling Limit Value 2 ppm 3.0 mg/m³

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

Netherlands 8 mg/m<sup>3</sup>

Poland STEL: 15 mg/m³ STEL: 10 mg/m³

5 mg/m<sup>3</sup>

 Romania
 5 ppm

 8 mg/m³
 STEL: 10 ppm

 STEL: 15 mg/m³
 STEL: 15 mg/m³

 Russia
 MAC: 5 mg/m³

Russia MAC: 5 mg/m³
Slovakia 5 ppm
8.0 mg/m³

 Spain
 5 ppm

 7.6 mg/m³
 STEL: 10 ppm

STEL: 15 mg/m<sup>3</sup>

Switzerland 2 ppm 3 mg/m³

STEL: 4 ppm STEL: 6 mg/m<sup>3</sup> 5 ppm

7 mg/m³
OSHA PEL (vacated) Ceiling: 5 ppm

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

Ceiling: 5 ppm Ceiling: 7 mg/m³ TWA: 1 ppm TWA: 2 mg/m³

STEL: 5 ppm STEL: 8 mg/m<sup>3</sup>

## 8.2. Exposure controls

United Kingdom

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

**Engineering controls** 

Latvia

Engineering controls should be used as the primary means to control exposures. Use process containment, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Local exhaust ventilation is required unless used in a closed system. For laboratory use, handle in a lab fume hood.

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**Environmental exposure controls** No information available.

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Personal protective equipment 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

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the workplace and specific operational processes.

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

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

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

is possible and for bulk processing operations. (Protective clothing must meet the standards in accordance with EN13982, ANSI 103 or international equivalent.).

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

exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL (e.g. particulate respirator with a full mask, P3 filter). (Respirators must meet the standards in accordance with EN136, EN143, ASTM F2704-10

or international equivalent.)

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

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical stateLyophilized powderColorWhite to Off-whiteOdorNo information available.

Odor threshold No information available

Molecular formulaMixtureMolecular weightMixture

<u>Property</u> <u>Values</u>

pH No data available

Melting point / freezing point 220 - 225

Boiling point / boiling range

Flash point No information available Evaporation rate No data available

Flammability (solid, gas)

No data available
Flammability Limit in Air

Upper flammability limit: No data available

Lower flammability limit: No data available

No data available Vapor pressure Vapor density No data available Relative density No data available Water solubility Soluble Water Solubility(ies) No data available Partition coefficient No data available **Autoignition temperature** No data available **Decomposition temperature** No data available No data available Kinematic viscosity

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No data available Dynamic viscosity

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

Partition Coefficient: (Method, pH, Endpoint, Value)

Pentostatin

Predicted 7.4 Log D -3.811

9.2. Other information

No information available

9.2.1. Information with regard to physical hazard classes

No information available

9.2.2. Other safety characteristics

No information available

## Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available. Reactivity

10.2. Chemical stability

Stability Stable under normal conditions.

**Explosion data** 

Sensitivity to Mechanical Impact No data available. Sensitivity to Static Discharge No data available.

10.3. Possibility of hazardous reactions

No information available. Possibility of hazardous reactions

10.4. Conditions to avoid

Fine particles (such as dust and mists) may fuel fires/explosions. As a precautionary Conditions to avoid

measure, keep away from heat sources and electrostatic discharge.

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

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

ingredients

**Known Clinical Effects:** Bone marrow suppression is the most serious adverse effect seen during clinical use.

Occasional, transient changes reported in liver function tests, but no liver damage seen.

Kidney dysfunction has been seen during clinical use.

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

**Acute toxicity** Classification is based on mixture calculation methods based on component data

Serious eye damage/eye irritation

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.

Based on available data, the classification criteria are not met. STOT - repeated exposure

Classification is based on mixture calculation methods based on component data. Reproductive toxicity Germ cell mutagenicity Classification is based on mixture calculation methods based on component data.

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Based on available data, the classification criteria are not met. Carcinogenicity **Aspiration hazard** Based on available data, the classification criteria are not met.

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

Mannitol

Rat Oral LD 50 13500 mg/kg Mouse Oral LD 50 22 g/kg

Pentostatin

Mouse Oral LD 50 227 mg/kg

122 mg/kg Mouse Para-periosteal LD 50

Sodium hydroxide

Mouse IP LD50 \_40 ma/ka

	Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
	Sodium hydroxide	= 325 mg/kg (Rat)	= 1350 mg/kg ( Rabbit )	-
Ī	+ Hydrochloric Acid	238 - 277 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	= 1.68 mg/L (Rat) 1 h

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

Sodium hydroxide

Eye Irritation Rabbit Severe Skin Irritation Rabbit Severe

+ Hydrochloric Acid

Skin irritation Severe Eye irritation Severe

## Repeated Dose Toxicity: (Duration, Species, Route, Dose, End Point, Target Organ)

Pentostatin

5 Day(s) Dog Intravenous 1 mg/kg/day LOAEL Male reproductive system

1 Month(s) Mouse Intraperitoneal \* 0.2 mg/kg/day NOAEL Lungs, Spleen

26 Week(s) Mouse Intravenous 1 mg/kg/week NOAEL Thyroid, Lungs, Liver, Bone Marrow, Lymphatic system, Male reproductive system

## Reproduction & Development Toxicity: (Duration, Species, Route, Dose, End Point, Effect(s))

Embryo / Fetal Development Rat Intravenous 0.05 mg/kg/day LOAEL Teratogenic

Embryo / Fetal Development Mouse Intraperitoneal 2 mg/kg/day LOAEL Teratogenic

Embryo / Fetal Development Rat Intravenous 0.1 mg/kg/day LOAEL Maternal Toxicity, Teratogenic

Embryo / Fetal Development Rabbit Intravenous 0.005 mg/kg/day LOAEL Maternal Toxicity, Embryotoxicity

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

Pentostatin

Bacterial Mutagenicity (Ames) Salmonella In Vivo Micronucleus Mouse Bone Marrow Positive

Mammalian Cell Mutagenicity Hamster HGPRT Negative

Chromosome Aberration Hamster HGPRT Negative

+ Hydrochloric Acid

Bacterial Mutagenicity (Ames) Salmonella

Negative

In Vivo Micronucleus Rat Negative

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

OSHA. See below

+ Hydrochloric Acid

IARC Group 3 (Not Classifiable)

## 11.2. Information on other hazards

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11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

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

thoroughly 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.

12.3. Bioaccumulative potential

Bioaccumulation

Partition Coefficient: (Method, pH, Endpoint, Value)

Pentostatin

Predicted 7.4 Log D -3.811

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 hydroxide	The substance is not PBT / vPvB PBT assessment does	
	not apply	
+ Hydrochloric Acid	The substance is not PBT / vPvB PBT assessment does	
· ·	not apply	

## 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

12.7. Other adverse effects

No information available.

## Section 13: DISPOSAL CONSIDERATIONS

## 13.1. Waste treatment methods

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

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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:
Not applicable
Not applicable
Packing group:
Not applicable
Not applicable
Not applicable
Not applicable

Special precautions for user: Not applicable

## Section 15: REGULATORY INFORMATION

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

Pentostatin

CERCLA/SARA Section 313 de minimus % Not Listed

California Proposition 65 developmental toxicity 9/1/1996

EINECS Not Listed

Sodium hydroxide

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

+ Hydrochloric Acid

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

## **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
Ī	Sodium hydroxide - 1310-73-2	Use restricted. See item 75.	

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+ Hydrochloric Acid - 7647-01-0 Use restricted. See item 75.

#### **Persistent Organic Pollutants**

Not applicable

## Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

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

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	Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
	+ Hydrochloric Acid - 7647-01-0	25	250

#### **EU - Biocides**

Chemical name	EU - Biocides	
+ Hydrochloric Acid - 7647-01-0	Product-type 2: Disinfectants and algaecides not intended	
	for direct application to humans or animals	

#### Legend:

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

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

AICS - Australian Inventory of Chemical Substances

#### 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 H-Statements referred to under section 3

Acute toxicity, oral-Cat.3; H301 - Toxic if swallowed. Acute toxicity, inhalation-Cat.3; H331 - Toxic if inhaled. Skin corrosion/irritation-Cat.1A; H314 - Causes severe skin burns and eye damage. Reproductive toxicity-Cat.1B; H360D - May damage the unborn child. Germ cell mutagenicity-Cat.2; H341 - Suspected of causing genetic defects.

**Data Sources:** Pfizer proprietary drug development information. 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

Pfizer Inc believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.