



SAFETY DATA SHEET

Revision date 13-Nov-2023

Version 2.02

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

1.1. Product identifier

Product Name Meningococcal Vaccine Pentavalent
Product Code(s) PF00225
Synonyms Penta (PF-06886992)
Trade Name: PENBRAYA
Chemical Family: Not determined

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

Recommended Use Vaccine

1.3. Details of the supplier of the safety data sheet

Pfizer Inc
66 Hudson Boulevard East
New York, New York 10001
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: Not classified as hazardous according to Regulation (EC) 1272/2008 and/or other applicable regulations.

2.2. Label elements

Signal word Not classified

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

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.

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Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Substances Not applicable

3.2 Mixtures

NonHazardous

| 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) |
|-------------------------------------------|----------|---------------------------|------------|-----------------------------------------------------------------|------------------------------------|-------------------|----------------------|
| Water (CAS #: 7732-18-5) | 93.2042 | - | 231-791-2 | Not classified as hazardous | Not Listed | No data available | No data available |
| Sucrose (CAS #: 57-50-1) | * | - | 200-334-9 | Not classified as hazardous | Not Listed | No data available | No data available |
| SODIUM CHLORIDE (CAS #: 7647-14-5) | * | - | 231-598-3 | Not classified as hazardous | Not Listed | No data available | No data available |
| L-Histidine (CAS #: 71-00-1) | * | - | 200-745-3 | Not classified as hazardous | Not Listed | No data available | No data available |
| Aluminum phosphate (CAS #: 7784-30-7) | * | - | 232-056-9 | Not classified as hazardous | Not Listed | No data available | No data available |
| MnB Bivalent rLP2086 (CAS #: PROPRIETARY) | < 1 | | Not Listed | Not classified as hazardous | Not Listed | No data available | No data available |
| Tromethamine (CAS #: 77-86-1) | * | - | 201-064-4 | Not classified as hazardous | Not Listed | No data available | No data available |
| Tetanus toxoid (CAS #: 93384-51-1) | < 1 | | 297-262-3 | Not classified as hazardous | Not Listed | No data available | No data available |
| MenACWY-TT (CAS #: -) | < 1 | | Not Listed | Not classified as hazardous | Not Listed | No data available | No data available |
| Polysorbate 80 (CAS #: 9005-65-6) | * | - | 500-019-9 | Not classified as hazardous | Not Listed | No data available | No data available |

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 | 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 |
| Sucrose 57-50-1 | 29700 | No data available | No data available | No data available | No data available |
| SODIUM CHLORIDE 7647-14-5 | 3000 | 10000 | No data available | No data available | No data available |
| L-Histidine 71-00-1 | 15000 | No data available | No data available | No data available | No data available |
| Tromethamine 77-86-1 | 5900 | 5000 | No data available | No data available | No data available |
| Polysorbate 80 9005-65-6 | 34.5 mL/kg | No data available | No data available | No data available | No data available |

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Additional information - Not Assigned
* Proprietary
Non-hazardous ingredients provided for completeness. In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as a trade secret. Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

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

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

5.3. Advice for firefighters

Special protective equipment 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

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.

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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 Contain the source of spill if it is safe to do so. Collect spill with absorbent material. Clean spill area thoroughly.
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. A change area to facilitate 'good laboratory/manufacturing' decontamination practices is recommended. Additional controls (based on risk assessment) should be implemented where open handling is required. Use enclosed manufacturing processing strategies. Avoid inhalation and contact with skin, eye, and clothing. When handling, use appropriate personal protective equipment (see Section 8). Wash hands and any exposed skin after removal of PPE. 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.

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 at 2 to 8 °C in properly labeled containers. Keep away from heat, sparks, and flames.

7.3. Specific end use(s)

Specific use(s) Vaccine.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

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

Sucrose

| | |
|----------------|--------------------------------------------------------|
| ACGIH TLV | 10 mg/m ³ |
| Bulgaria | 10.0 mg/m ³ |
| Estonia | 10 mg/m ³ |
| France | 10 mg/m ³ |
| Ireland | 10 mg/m ³ |
| | STEL: 20 mg/m ³ |
| Latvia | 5 mg/m ³ |
| Spain | 10 mg/m ³ |
| OSHA PEL | 15 mg/m ³ |
| | 5 mg/m ³ |
| | (vacated) TWA: 15 mg/m ³ total dust |
| | (vacated) TWA: 5 mg/m ³ respirable fraction |
| United Kingdom | TWA: 10 mg/m ³ |
| | STEL: 20 mg/m ³ |

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SODIUM CHLORIDE

Latvia 5 mg/m³
Russia MAC: 5 mg/m³

L-Histidine

Latvia 5 mg/m³

Aluminum phosphate

ACGIH TLV 1 mg/m³
Spain 1 mg/m³

Pfizer Occupational Exposure Band (OEB) Statement: The Vaccines Occupational Exposure Band (V-OEB) is a classification that has been assigned to biotechnology-based vaccines and antigen components. Risk assessments should be performed to assess potential exposures and determine appropriate controls.

SODIUM CHLORIDE

Pfizer Occupational Exposure Band (OEB): OEB 1 (control exposure to the range of 1000ug/m³ to 3000ug/m³)

MnB Bivalent rLP2086

Pfizer Occupational Exposure Band (OEB): V-OEB

Tromethamine

Pfizer Occupational Exposure Band (OEB): OEB 1 (control exposure to the range of 1000ug/m³ to 3000ug/m³)

PF-06886992

Pfizer Occupational Exposure Band (OEB): V-OEB

8.2. Exposure controls

Engineering controls

Release prevention and exposure protection measures should be established for any activities involving this material, as determined by a risk assessment conducted using appropriate Occupational Hygiene Risk Assessment tools. The containment level required for the activity should be based on the conclusions of the risk assessment. Where warranted, engineering controls, such as biosafety cabinets, should be applied as the primary means to control exposures.

Environmental exposure controls

No information available.

Personal protective equipment

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. Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).

Eye/face protection

Wear safety glasses as minimum protection (goggles recommended). (Eye protection must meet the standards in accordance with EN166, ANSI Z87.1 or international equivalent.).

Hand protection

Wear impervious disposable gloves (e.g. Nitrile, etc.) as minimum protection (double recommended). (Protective gloves must meet the standards in accordance with EN374, ASTM F1001 or international equivalent.).

Skin and body protection

Wear impervious disposable protective clothing when handling this compound. Full body protection is recommended (scale dependent). (Protective clothing must meet the standards in accordance with EN13982, ANSI 103 or international equivalent.).

Respiratory protection

If operating and handling conditions result in airborne exposure, wear an appropriate respirator with a protection factor sufficient to control exposures (e.g. particulate cartridge with a full face respirator, P3 filter). (Respirators must meet the standards in accordance with EN136, EN143, ASTM F2704-10 or international equivalent.).

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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 state | Sterile solution |
| Color | Clear |
| Odor | No information available. |
| Odor threshold | No information available |
| Molecular formula | Mixture |
| Molecular weight | Mixture |

Property

| | |
|--------------------------------|--------------------------|
| pH | No data available |
| Melting point / freezing point | No data available |
| 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 |

Values

| | |
|----------------------------|--------------------------|
| Vapor pressure | No data available |
| Vapor density | No data available |
| Relative density | No data available |
| Water solubility | No data available |
| Solubility(ies) | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Decomposition temperature | No data available |
| Kinematic viscosity | No data available |
| Dynamic viscosity | No data available |
| Particle characteristics | |
| Particle Size | No information available |
| Particle Size Distribution | No information available |
| Explosive properties | No information available |

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

Tromethamine
Predicted 7.4 Log D -4.668

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

Reactivity No data available.

10.2. Chemical stability

Stability Stable under normal conditions.

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Explosion data

Sensitivity to Mechanical Impact No data available.

Sensitivity to Static Discharge No data 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 dust and 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 following information is available for the individual ingredients. Toxicological properties of the formulation have not been investigated.

Short term

In the event of accidental injection, an allergic reaction may occur. If an allergic reaction occurs, the worker should be removed to the nearest emergency room and the appropriate therapy instituted.

Known Clinical Effects:

Based on clinical trials in humans, possible adverse effects following exposure to this compound may include: injection site pain, swelling, tiredness, headache, muscle pain.

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)

Sucrose

Rat Oral LD 50 29,700 mg/kg

SODIUM CHLORIDE

Rat Sub-tenon injection (eye) LC50/1hr > 42 g/m³

Rat Oral LD 50 3 g/kg

Mouse Oral LD 50 4 g/kg

Rabbit Dermal LD 50 > 10 g/kg

L-Histidine

Rat Oral LD 50 > 15 g/kg

Rat Para-periosteal LD 50 > 2 g/kg

Mouse Oral LD 50 > 15 g/kg

Mouse Intravenous LD 50 > 2 g/kg

Aluminum phosphate

Mouse Oral LD 50 > 5000 mg/kg

Rat Oral LD 50 > 2000 mg/kg

Rabbit Dermal LD 50 > 4640 mg/kg

Tromethamine

Rat Oral LD50 5900 mg/kg

Rat Dermal LD 50 > 5000 mg/kg

MenACWY-TT

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Rabbit Intramuscular NOEL 0.5 mL

Polysorbate 80

Rat Intravenous LD 50 1790 mg/kg

Mouse Oral LD 50 25 g/kg

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------|-----------------------|--------------------------|-----------------------|
| Water | > 90 mL/kg (Rat) | - | - |
| Sucrose | = 29700 mg/kg (Rat) | - | - |
| SODIUM CHLORIDE | = 3 g/kg (Rat) | > 10000 mg/kg (Rabbit) | > 42 mg/L (Rat) 1 h |
| L-Histidine | > 15 g/kg (Rat) | - | - |
| Tromethamine | = 5900 mg/kg (Rat) | > 5000 mg/kg (Rat) | - |
| Polysorbate 80 | = 34.5mL/kg (Rat) | - | - |

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

SODIUM CHLORIDE

Skin irritation Rabbit Mild

Eye irritation Rabbit Mild

Tromethamine

Eye Irritation Rabbit Slight

Skin Irritation Rabbit Slight

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

MnB Bivalent rLP2086

9 Week(s) Rabbit Intramuscular 400 ug/dose/2weeks NOAEL None identified

MenACWY-TT

9 Week(s) Rabbit Intramuscular 0.5 mL/dose/2weeks NOAEL None identified

Repeated Dose Toxicity Comments: MnB Bivalent rLP2086: * 5 doses were administered.

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

MnB Bivalent rLP2086

Fertility and Embryonic Development Rabbit Intramuscular * 200 ug/dose NOAEL No effects at maximum dose,

Reproductive toxicity, Developmental toxicity

MenACWY-TT

Prenatal & Postnatal Development Rat Intramuscular 0.5 mL NOAEL No effects at maximum dose: Maternal toxicity,

Fertility, Fetotoxicity

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

Tromethamine

Bacterial Mutagenicity (Ames) *E. coli* Negative

Carcinogenicity

Not listed as a carcinogen by IARC, NTP or US OSHA.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

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Section 12: ECOLOGICAL INFORMATION

Environmental Overview: Environmental properties of the formulation have not been investigated. Releases to the environment should be avoided.

12.1. Toxicity

No information available

Tromethamine

Daphnia magna (Water Flea) OECD EC50 48 hours > 980 mg/L

Pseudokirchneriella subcapitata (Green Alga) OECD EC50 48 Hours 473 mg/L

Tromethamine

Activated sludge OECD EC50 > 1000 mg/L

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

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

Tromethamine

Predicted 7.4 Log D -4.668

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 | The substance is not PBT / vPvB PBT assessment does not apply |
| L-Histidine | The substance is not PBT / vPvB |
| Aluminum phosphate | The substance is not PBT / vPvB PBT assessment does not apply |
| Tromethamine | 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

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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: | Not applicable |
| UN proper shipping name: | Not applicable |
| Transport hazard class(es): | Not applicable |
| Packing group: | Not applicable |
| Environmental Hazard(s): | 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

Water

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

Sucrose

| | |
|--------------------------------------|------------|
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| TSCA | Present |
| EINECS | 200-334-9 |
| 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 |

L-Histidine

| | |
|--------------------------------------|------------|
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| TSCA | Present |
| EINECS | 200-745-3 |
| AICS | Present |

Aluminum phosphate

| | |
|--------------------------------------|------------|
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| TSCA | Present |
| EINECS | 232-056-9 |
| AICS | Present |

MnB Bivalent rLP2086

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| | |
|-------------------------------------------------------------------------|------------|
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| EINECS | Not Listed |
| Tromethamine | |
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| TSCA | Present |
| EINECS | 201-064-4 |
| AICS | Present |
| Standard for Uniform Scheduling of Medicines and Poisons (SUSMP) | Schedule 4 |
| Tetanus toxoid | |
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| EINECS | 297-262-3 |
| Standard for Uniform Scheduling of Medicines and Poisons (SUSMP) | Schedule 4 |
| MenACWY-TT | |
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| EINECS | Not Listed |
| Polysorbate 80 | |
| CERCLA/SARA Section 313 de minimus % | Not Listed |
| California Proposition 65 | Not Listed |
| TSCA | Present |
| EINECS | Not Listed |
| AICS | Present |

France
Occupational Illnesses (R-463-3, France)

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

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 does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

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

Not applicable

Plant protection products directive (91/414/EEC)

| Chemical name | Plant protection products directive (91/414/EEC) |
|-----------------------------|--------------------------------------------------|
| Sucrose - 57-50-1 | Plant protection agent |
| SODIUM CHLORIDE - 7647-14-5 | Plant protection agent |

Legend:

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

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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

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.

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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.