



SAFETY DATA SHEET

Revision date 07-Dec-2021

Version 3

Page 1 / 12

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

1.1. Product identifier

Product Name Pfizer-BioNTech COVID-19 Vaccine

Product Code(s) PF00092

Form nanoform

Synonyms Comirnaty; PF-07302048 containing PF-07305885 (BNT162b2); CorVAC Containing PF-07305885 (BNT162b2) ; CoVVAC Containing PF-07305885 (BNT162b2); COVID Vaccine Containing PF-07305885 (BNT162b2); COVID-19 Vaccine Containing PF-07305885 (BNT162b2)

Trade Name: Not applicable

Compound Number PF-07302048

Item Code H000022941; H000023057; H000024547; H000024742

Chemical Family: Lipid Nanoparticles containing PF-07305885 (BNT162b2) and Lipids

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

Pfizer Inc
235 East 42nd Street
New York, New York 10017
1-800-879-3477

Pfizer Ireland Pharmaceuticals
OSG Building
Ringaskiddy, Co. Cork.
Ireland
+353 21 4378701

1.4. Emergency telephone number

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

E-mail address pfizer-MSDS@pfizer.com

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS - Classification: Not classified as hazardous

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

PF00092

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
 Revision date 07-Dec-2021

Page 2 / 12
Version 3

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.

PER NOTESTING AS BELOW

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Substances

Not applicable

3.2 Mixtures

Hazardous

P = Proprietary Substance

NOT TESTED AGAINST REGULATIONS

NOT TESTED

MULTIPLYING FACTOR FOR SUBSTANCES TOXIC TO AQUATIC LIFE - NOT TESTED

Chemical name	Weight-%	REACH Registration Number	EC No <i>(IDENTIFIER NUMBER ONLY)</i>	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
POTASSIUM CHLORIDE 7447-40-7	< 1		231-211-8	Acute Tox 5 (H303)	<u>Not Listed</u>	<u>No data available</u>	<u>No data available</u>

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 7732-18-5	*		231-791-2	No data available	Not Listed	No data available	No data available
Sucrose 57-50-1	< 10		200-334-9	No data available	Not Listed	No data available	No data available
SODIUM CHLORIDE 7647-14-5	< 10		231-598-3	No data available	Not Listed	No data available	No data available
ALC-0315 2036272-55-4	< 2		Not Listed	No data available	Not Listed	No data available	No data available
Potassium phosphate 7778-77-0	< 1		231-913-4	No data available	Not Listed	No data available	No data available
PF-07305885	< 1		Not Listed	No data available	Not Listed	No data available	No data available
PF-07302048	< 1		Not Listed	No data available	Not Listed	No data available	No data available
Disodium phosphate dihydrate 10028-24-7	< 1		Not Listed	No data available	Not Listed	No data available	No data available
Cholesterol 57-88-5	< 1		200-353-2	No data available	Not Listed	No data available	No data available
ALC-0159 1849616-42-7	< 1		Not Listed	No data available	Not Listed	No data available	No data available
1,2-Distearoyl-sn-glycero-3-phosphocholine 816-94-4	< 1		212-440-2	No data available	Not Listed	No data available	No data available

P
P
P
P

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

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
Revision date 07-Dec-2021

Page 3 / 12
Version 3

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
Potassium phosphate 7778-77-0	3200	No data available	0.83	No data available	No data available
POTASSIUM CHLORIDE 7447-40-7	3020	No data available	No data available	No data available	No data available
Cholesterol 57-88-5	No data available	2000	No data available	No data available	No data available

NOT TESTED NOT TESTED NOT TESTED NOT TESTED

Additional information

- Not Assigned

* Proprietary

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.

CONTRADICTS
SECTION 2.2

PROTECTED AS PROPRIETARY SUBSTANCE UNDER
CONFIDENTIAL BUSINESS INFORMATION (CBI)

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.
<u>Skin contact</u>	Remove contaminated clothing. Flush area with large amounts of water. Use soap. <u>Seek medical attention.</u>
<u>Ingestion</u>	Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. <u>Seek medical attention immediately.</u>

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.

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
Revision date 07-Dec-2021

Page 4 / 12
Version 3

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical **CLASSIFIED + STATED AS A CHEMICAL**

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

DEFINED AS A HAZARDOUS CHEMICAL UNDER SECTION 2 HSN ACT 1996 HAZARDOUS SUBSTANCE DEFINITION

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.

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 as directed by product packaging.

7.3. Specific end use(s)

Specific use(s)

Vaccine.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
Revision date 07-Dec-2021

Page 5 / 12
Version 3

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

SODIUM CHLORIDE

Latvia	5 mg/m ³
Russia	MAC: 5 mg/m ³

Potassium phosphate

Russia	MAC: 10 mg/m ³
--------	---------------------------

POTASSIUM CHLORIDE

Bulgaria	5.0 mg/m ³
Latvia	5 mg/m ³
Russia	MAC: 5 mg/m ³

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. 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.

RISK ASSESSMENT REQUIREMENTS - MANDATORY UNDER NZHSWA ACT 2015

SODIUM CHLORIDE

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

ALC-0315

Pfizer Occupational Exposure Band (OEB): OEB 3 - Contact Hazards Unknown (control exposure to the range of 10ug/m³ to < 100ug/m³)

POTASSIUM CHLORIDE

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

PF-07305885

Pfizer Occupational Exposure Band (OEB): V-OEB

PF-07302048

Pfizer Occupational Exposure Band (OEB): V-OEB

ALC-0159

Pfizer Occupational Exposure Band (OEB): OEB 3 - Contact Hazards Unknown (control exposure to the range of 10ug/m³ to < 100ug/m³)

8.2. Exposure controls

Engineering controls

Release prevention and exposure protection measures should be established for any

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
Revision date 07-Dec-2021

Page 6 / 12
Version 3

*RISK ASSESSMENT
REQUIREMENTS
- MANDATORY UNDER
N2 HSWA ACT 2015*

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 gloves, (e.g. Nitrile, etc.) to prevent skin contact. (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.).

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

Liquid

Color

milky white

Odor

No information available.

Odor threshold

No information available

Molecular formula

Mixture

Molecular weight

Mixture

Property

Values

pH

7.4

Melting point / freezing point

No data available

Boiling point / boiling range

No information available

Flash point

No data 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

Vapor pressure

No data available

Vapor density

No data available

Relative density

No data available

Water solubility

No data available

*NO TESTING
UNDER TAKEN*

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
Revision date 07-Dec-2021

Page 7 / 12
Version 3

Solubility(ies)
Partition coefficient
Autoignition temperature
Decomposition temperature
Kinematic viscosity
Dynamic viscosity
Particle characteristics
Particle Size
Particle Size Distribution
Explosive properties

No data available
No data available
No data available
No data available
No data available
No data available

No information available
No information available
No information available

NO TESTING
UNDERTAKEN

* 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

NO TESTING
UNDERTAKEN

Section 10: STABILITY AND REACTIVITY

* 10.1. Reactivity

Reactivity No data available.

* 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

Possibility of hazardous reactions No information available.

10.4. Conditions to avoid

Conditions to avoid

Fine particles (such as mists) may fuel fires/explosions. As a precautionary measure, keep away from heat sources and electrostatic discharge.

CLASSIFIED AS HAZARDOUS
SUBSTANCE UNDER
HSNO ACT - INTERPRETATION

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

NOT TESTED

General Information:

Toxicological properties have not been thoroughly investigated. The following information is available for the individual ingredients.

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 intravenous exposure to this compound may include: injection site pain, muscle pain, headache, fever, chills, tiredness, joint pain, abnormal redness of skin (erythema), and sleep disturbances. * Serious allergic reactions, including anaphylaxis, have been reported. *

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

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
 Revision date 07-Dec-2021

Page 8 / 12
Version 3

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

POTASSIUM CHLORIDE

Rat Oral LD50 3020 mg/kg

Potassium phosphate

Rat Oral LD50 3200 mg/kg

Rabbit Dermal LC50 > 4640 mg/kg

NA = NOT ASSIGNED

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)	NA	NA
Sucrose	= 29700 mg/kg (Rat)	NA	NA
SODIUM CHLORIDE	= 3 g/kg (Rat)	> 10000 mg/kg (Rabbit)	> 42 mg/L (Rat) 1 h
Potassium phosphate	= 3200 mg/kg (Rat)	NA	> 0.83 mg/L (Rat) 4 h
POTASSIUM CHLORIDE	= 2600 mg/kg (Rat)	NA	NA
Cholesterol		> 2000 mg/kg (Rat)	- NA

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

SODIUM CHLORIDE

Skin irritation Rabbit Mild

Eye irritation Rabbit Mild

POTASSIUM CHLORIDE

Eye Irritation Rabbit Mild

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

PF-07302048

4 Week(s) Rat Intramuscular * 10 µg LOAEL Skin, Blood forming organs, Blood, Skeletal muscle, Lymphoid tissue, Spleen

Repeated Dose Toxicity Comments: PF-07302048: * Doses were administered once a week.

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

PF-07305885

Fertility & Embryonic Development - Females Rat Intramuscular 30 µg NOAEL No effects at maximum dose, Not teratogenic

Potassium phosphate

Reproductive & Fertility Rat No route specified 282 mg/kg/day NOAEL No evidence of impaired fertility or harm to the fetus

Reproductive & Fertility Mouse No route specified 320 mg/kg/day NOAEL No evidence of impaired fertility or harm to the fetus

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

Potassium phosphate

Bacterial Mutagenicity (Ames) *Salmonella* Negative

Carcinogenicity

See below

Cholesterol

IARC

Group 3 (Not Classifiable)

Data for the Drug Product

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
 Revision date 07-Dec-2021

Page 9 / 12
Version 3

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

* Fertility & Embryonic Development - Females Rat Intramuscular N/A Not specified No effects at maximum dose

* **11.2. Information on other hazards**

* **11.2.1. Endocrine disrupting properties**

* Endocrine disrupting properties No information available. *NOT TESTED*

* **11.2.2. Other information**

Other adverse effects

No information available. *NOT TESTED*

Section 12: ECOLOGICAL INFORMATION

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

12.1. Toxicity

Aquatic Toxicity: (Species, Method, End Point, Duration, Result)

POTASSIUM CHLORIDE

Gambusia affinis (Mosquitofish) LC50 96 hours 920 mg/L
Lepomis macrochirus (Bluegill Sunfish) LC50 96 hours 2010 mg/L
Daphnia Magna (Water Flea) EC50 48 hours 825 mg/L
Scenedesmus subspicatus (Green Alga) EC50 72 hours 2500 mg/L

* **12.2. Persistence and degradability**

* Persistence and degradability No information available.

* **12.3. Bioaccumulative potential**

* Bioaccumulation No information available.

* **12.4. Mobility in soil**

Mobility in soil No information available.

NOT TESTED

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
Potassium phosphate	The substance is not PBT / vPvB PBT assessment does not apply
POTASSIUM CHLORIDE	The substance is not PBT / vPvB PBT assessment does not apply
Cholesterol	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
Revision date 07-Dec-2021

Page 10 / 12
Version 3

* Endocrine disrupting properties No information available.

* 12.7. Other adverse effects
No information available.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

NOTE: 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.

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	— EMERGENCY PLANNING ACT
— California Proposition 65	Not Listed	— DENOTES IF CANCER FORMING
— TSCA	Present	— TOXIC SUBSTANCES CONTROL ACT
— EINECS	231-791-2	— EUROPEAN INDUSTRIAL CHEMICAL SUBSTANCES
— AICS	Present	— AUST INDUSTRIAL CHEMICAL SUBST-
Sucrose		
— CERCLA/SARA Section 313 de minimus %	Not Listed	— NOT TESTED
— California Proposition 65	Not Listed	— NOT TESTED
— TSCA	Present	— CBI
— EINECS	200-334-9	— 7 DIGIT REGISTRATION NUMBER ONLY
— AICS	Present	— CBI - PRESENT AS A LIST ITEM ONLY
SODIUM CHLORIDE		
— CERCLA/SARA Section 313 de minimus %	Not Listed	— NT
— California Proposition 65	Not Listed	— NT
— TSCA	Present	— CBI
— EINECS	231-598-3	— 7 DIGIT
— AICS	Present	— CBI
ALC-0315		
— CERCLA/SARA Section 313 de minimus %	Not Listed	— NT
— California Proposition 65	Not Listed	— NT
— EINECS	Not Listed	— NT
Potassium phosphate		
— CERCLA/SARA Section 313 de minimus %	Not Listed	— NT
— California Proposition 65	Not Listed	— NT
— TSCA	Present	— CBI
— EINECS	231-913-4	— 7 DIGIT

PF00092

NOTES - CBI = CONFIDENTIAL BUSINESS INFORMATION
(A CLAIM TO US ENVIRONMENTAL PROTECTION AGENCY
TO HAVE A "PROPRIETARY SUBSTANCE" AS CONFIDENTIAL
TO PROTECT INTELLECTUAL PROPERTY RIGHTS
- HENCE NOT TESTED OR REGULATED BY THE ABOVE
REGULATORS OR GOVERNING BODIES IN COUNTRIES
LISTED ABOVE - THAT IS - NOT TESTED)

NT = NOT TESTED

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
 Revision date 07-Dec-2021

Page 11 / 12
Version 3

~~—~~ AICS
 POTASSIUM CHLORIDE
~~—~~ CERCLA/SARA Section 313 de minimus %
~~—~~ California Proposition 65
~~—~~ TSCA
~~—~~ EINECS
~~—~~ AICS
 Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Present ~~—~~ CBI
 Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 Present ~~—~~ CBI
 231-211-8 7 DIGIT
 Present ~~—~~ CBI
 Schedule 4 CLASSED POISON

PF-07305885
~~—~~ CERCLA/SARA Section 313 de minimus %
~~—~~ California Proposition 65
~~—~~ EINECS

Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT

PF-07302048
~~—~~ CERCLA/SARA Section 313 de minimus %
~~—~~ California Proposition 65
~~—~~ EINECS

Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT

Disodium phosphate dihydrate
~~—~~ CERCLA/SARA Section 313 de minimus %
~~—~~ California Proposition 65
~~—~~ EINECS
~~—~~ AICS
 Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 Present ~~—~~ CBI
 Schedule 5 CLASSED POISON

Cholesterol
~~—~~ CERCLA/SARA Section 313 de minimus %
~~—~~ California Proposition 65
~~—~~ TSCA
~~—~~ EINECS
~~—~~ AICS
 Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 Present ~~—~~ CBI
 200-353-2 7 DIGIT
 Present ~~—~~ CBI
 Schedule 4 CLASSED POISON

ALC-0159
~~—~~ CERCLA/SARA Section 313 de minimus %
~~—~~ California Proposition 65
~~—~~ EINECS

Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT

1,2-Distearoyl-sn-glycero-3-phosphocholine
~~—~~ CERCLA/SARA Section 313 de minimus %
~~—~~ California Proposition 65
~~—~~ EINECS

Not Listed ~~—~~ NT
 Not Listed ~~—~~ NT
 212-440-2 7 DIGIT

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

NA = NOT ASSIGNED

Chemical name	French RG number	Title
SODIUM CHLORIDE 7647-14-5	RG 78	NA
POTASSIUM CHLORIDE 7447-40-7	RG 67	NA

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

CONTRADICTS ENVIRONMENTAL
 RELEASE STATEMENTS SECTIONS
 7.1 & 13.1

SAFETY DATA SHEET

Product Name Pfizer-BioNTech COVID-19 Vaccine
Revision date 07-Dec-2021

Page 12 / 12
Version 3

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 -
FOR SECTION 15.1.*

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

*CLASSIFIED AS UNTESTED
HAZARDOUS SUBSTANCE*

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.5; H303 - May be harmful if swallowed

Data Sources: Pfizer proprietary drug development information. Publicly available toxicity information.

Reason for revision Updated Section 3 - Composition / Information on Ingredients. Updated Section 7 - Handling and Storage. Updated Section 8 - Exposure Controls / Personal Protection. Updated Section 16 - Other Information.

Revision date 07-Dec-2021

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.

*NOT TESTED, CERTIFIED,
REGULATED OR LICENSED*