GSK

SAFETY DATA SHEET

1. Identification

Product identifier MenB VACCINE (RECONSTITUTED)

Other means of identification

Product code PENMENVY VACCINE

Synonyms MenACWY AND MenB COMBINATION VACCINE * PENMENVY COMBINATION VACCINE * PENTA

COMBINATION VACCINE * PENTA COMPONENT 2 of 2 * PENMENVY COMPONENT 2 of 2 * NDC

58160-750-03 LIQUID MenB * MenB, FORMULATED PRODUCT

Recommended use Medicinal Product.

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to medicinal use of the product. In this instance patients should consult prescribing information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate safety data sheet for each

ingredient.

Recommended restrictions No other uses are advised.

Manufacturer/Importer/Supplier/Distributor information

COMPANY NAME GSK

Address: 410 Blackwell Street

Durham, NC, 27701

Telephone: +1-888-825-5249 (GSK General Inquiries)

+1-877-844-8872 (ViiV General Inquiries)

Email: msds@gsk.com

Website: www.gsk.com

EMERGENCY CONTACTS

3E GLOBAL INCIDENT RESPONSE

Telephone: +(1) 760 476 3971 (In country)

+(1) 760 476 3962 or +(1) 866 519 4752 (International)

24/7; multi-language response

Contract Number: 334878

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.
OSHA defined hazards Not classified.

Label elements

Hazard symbol None.
Signal word None.

Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials.

Material name: MenB VACCINE (RECONSTITUTED)

Disposal

Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC)

Caution - Pharmaceutical agent. See section 11 of the SDS for additional information on health

hazards.

Supplemental information

2% of the mixture consists of component(s) of unknown acute dermal toxicity. 2% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 2% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
SUCROSE	SUGAR CANE SUGAR BEET SUGAR CONFECTIONER'S SUGAR ALPHA-D-GLUCOPYRANOSIDE, BETA-D-FRUCTOFURANOSYL GRANULATED SUGAR SUCRALOX	57-50-1	2
SODIUM CHLORIDE	COMMON SALT ROCK SALT SODIUM MONOCHLORIDE SALT SEA SALT TABLE SALT SALT, WHITE CRYSTALS, SOLAR	7647-14-5	0.625
ALUMINIUM HYDROXIDE	ALUMIGEL ALUMINA HYDRATED ALUMINA TRIHYDRATE ALPHA-ALUMINA TRIHYDRATE ALUMINIC ACID ALUMINIUM HYDROXIDE ALUMINUM HYDRATE ALUMINUM HYDROXIDE ALUMINUM HYDROXIDE ALUMINUM HYDROXIDE ALUMINUM HYDROXIDE GEL ALUMINUM OXIDE TRIHYDRATE ALUMINUM TRIHYDRATE ALUMINUM TRIHYDROXIDE	21645-51-2	0.3
MenB287-953	RECOMBINANT NEISSERIA MENINGITIDIS SEROGROUP B NHBA (NEISSERIA HEPARIN BINDING ANTIGEN) FUSION PROTEIN RP287-953	NOT ASSIGNED	0.01
MenB936-741	RECOMBINANT NEISSERIA MENINGITIDIS SEROGROUP B fHBP (FACTOR H BINDING PROTEIN) FUSION PROTEIN RP936-741	NOT ASSIGNED	0.01
MENB961C	RECOMBINANT NEISSERIA MENINGITIDIS SEROGROUP B NadA (NEISSERIA ADHESIN A) PROTEIN RP961C	NOT ASSIGNED	0.01
SODIUM DESOXYCHOLATE	CHOLAN-24-OIC ACID, 3,12-DIHYDROXY-, MONOSODIUM SALT, (3.ALPHA.,5ß,12.ALPHA.)-	302-95-4	0
TRIS BUFFER	TRIS(HYDROXYMETHYL)AMINOMETHAN E 2- AMINO-2- (HYDROXYMETHYL) -1,3-PROPANEDIOL AMINOTRIMETHYLOLMETHANE AMINOTRIS(HYDROXYMETHYL)METHAN E TRIS (BUFFERING AGENT) 2-AMINO-2-HYDROXYMETHYL-1,3-PROP ANEDIOL TROMETAMOL	77-86-1	0

Chemical name	Common name and synonyms	CAS number	%
ETHYLENEDIAMINETETRAACETIC	N,N'-1,2-ETHANEDIYLBIS(N-(CARBOXYM	60-00-4	0
ACID	ETHYL)GLYCINE		
	(ETHYLENEDINITRILO)TETRAACETIC		
	ÀCID		
	VERSENE ACID		
	EDTA		
	ETHYLENEDIAMINE-TETRAACETIC ACID		
	(EDTA)		
	Edetic acid		
	ETHYLENEDIAMINETETRAACETIC ACID		
	AND SELECTED SALTS		
	EDTA AND SALTS THEREOF		
	EDTA AND SALTS THEREOF		

Other components below reportable levels

97.045

4. First-aid measures

Inhalation Move to fresh air. If breathing is difficult, trained personnel should give oxygen. Call a physician if

symptoms develop or persist. Under normal conditions of intended use, this material is not expected

to be an inhalation hazard.

Skin contact Immediately flush skin with plenty of water. Take off contaminated clothing and wash before reuse.

Get medical attention if irritation develops and persists.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Get medical

attention if irritation develops and persists.

Ingestion If swallowed, rinse mouth with water (only if the person is conscious). If ingestion of a large amount

does occur, call a poison control center immediately. Do not induce vomiting without advice from

poison control center.

Most important

symptoms/effects, acute and

delayed

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment

needed

Treat symptomatically. No specific antidotes are recommended. Treat according to locally accepted protocols. For additional guidance, refer to the current prescribing information or to the local poison control information center.

General information

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions

to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media Water. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media None known.

Specific hazards arising from

the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment

and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting

equipment/instructions

Move containers from fire area if you can do so without risk. Use water spray to cool unopened

containers.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

No unusual fire or explosion hazards noted. General fire hazards

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up **Environmental precautions**

Stop the flow of material, if this is without risk. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Avoid prolonged exposure. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At

Components	Туре	Value	Form
ETHYLENEDIAMINETETRA ACETIC ACID (CAS 60-00-4)	8 HR TWA	3000 mcg/m3	
	OHC	1	
MenB287-953	OHC	3	>10 - =100 mcg/m3<br PROVISIONAL
MenB936-741	OHC	3	>10 - = 100 mcg/m3<br PROVISIONAL
MENB961C	OHC	3	>10 - =100 mcg/m3<br PROVISIONAL
SODIUM CHLORIDE (CAS 7647-14-5)	OHC	1	
SODIUM DESOXYCHOLATE (CAS 302-95-4)	OHC	2	>100 - =1000 mcg/m3<br PROVISIONAL
TRIS BUFFER (CAS 77-86-1)	OHC	1	>1000 - =5000 mcg/m<br PROVISIONAL
US. OSHA Table Z-1 Permis	sible Exposure Limits (PEL) for A	Air Contaminants (29 CFR 1910.	1000)
Components	Туре	Value	Form
SUCROSE (CAS 57-50-1)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
US. OSHA Table Z-3 Permis	sible Exposure Limits (PEL) for M	Mineral Dusts (29 CFR 1910.1000))
US. OSHA Table Z-3 Permis Components	sible Exposure Limits (PEL) for M Type	Mineral Dusts (29 CFR 1910.1000 Value)) Form
			-
Components ALUMINIUM HYDROXIDE	Туре	Value	Form
Components ALUMINIUM HYDROXIDE	Туре	Value 5 mg/m3	Form Respirable fraction.
Components ALUMINIUM HYDROXIDE	Туре	Value 5 mg/m3 15 mg/m3	Form Respirable fraction. Total dust.
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2)	Type	Value 5 mg/m3 15 mg/m3 50 mppcf	Form Respirable fraction. Total dust. Total dust.
Components ALUMINIUM HYDROXIDE	Type	Value 5 mg/m3 15 mg/m3 50 mppcf	Form Respirable fraction. Total dust. Total dust.
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit	Type TWA Values (TLV)	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf	Form Respirable fraction. Total dust. Total dust. Respirable fraction.
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE	Type TWA Values (TLV) Type	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) SUCROSE (CAS 57-50-1)	Type TWA Values (TLV) Type TWA TWA	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf Value 1 mg/m3 10 mg/m3	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) SUCROSE (CAS 57-50-1)	Type TWA Values (TLV) Type TWA	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf Value 1 mg/m3 10 mg/m3	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) SUCROSE (CAS 57-50-1) US. NIOSH: Pocket Guide to	Type TWA Values (TLV) Type TWA TWA TWA Chemical Hazards Recommend	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf Value 1 mg/m3 10 mg/m3 ed Exposure Limits (REL)	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form Respirable fraction.
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) SUCROSE (CAS 57-50-1) US. NIOSH: Pocket Guide to Components	Type TWA Values (TLV) Type TWA TWA TWA Chemical Hazards Recommend Type	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf Value 1 mg/m3 10 mg/m3 ed Exposure Limits (REL) Value	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form Respirable fraction.
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) SUCROSE (CAS 57-50-1) US. NIOSH: Pocket Guide to Components SUCROSE (CAS 57-50-1)	Type TWA Values (TLV) Type TWA TWA TWA O Chemical Hazards Recommend Type TWA	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf Value 1 mg/m3 10 mg/m3 ed Exposure Limits (REL) Value 5 mg/m3 10 mg/m3	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form Respirable fraction. Form Respirable fraction.
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) SUCROSE (CAS 57-50-1) US. NIOSH: Pocket Guide to Components SUCROSE (CAS 57-50-1) ogical limit values	Type TWA Values (TLV) Type TWA TWA TWA Chemical Hazards Recommend Type	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf Value 1 mg/m3 10 mg/m3 ed Exposure Limits (REL) Value 5 mg/m3 10 mg/m3	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form Respirable fraction. Form Respirable fraction.
Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) US. ACGIH Threshold Limit Components ALUMINIUM HYDROXIDE (CAS 21645-51-2) SUCROSE (CAS 57-50-1) US. NIOSH: Pocket Guide to Components SUCROSE (CAS 57-50-1)	Type TWA Values (TLV) Type TWA TWA Chemical Hazards Recommend Type TWA No biological exposure limits notes	Value 5 mg/m3 15 mg/m3 50 mppcf 15 mppcf Value 1 mg/m3 10 mg/m3 ed Exposure Limits (REL) Value 5 mg/m3 10 mg/m3	Form Respirable fraction. Total dust. Total dust. Respirable fraction. Form Respirable fraction. Form Total Total

Eye/face protection Not normally needed. Wear safety glasses with side shields (or goggles). Eye wash fountain is

recommended.

Skin protection

Hand protection Not normally needed. Wear appropriate chemical resistant gloves. Other Not normally needed. Wear suitable protective clothing.

Respiratory protection No personal respiratory protective equipment normally required. Use a NIOSH/MSHA approved

respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. For advice on suitable monitoring methods, seek guidance from a qualified environment, health and safety professional.

9. Physical and chemical properties

Appearance

Physical state Liquid.
Form Vial

Color Not available.

Odor Not available.

Odor threshold Not available.

PH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling Not available.

range

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water)

Partition coefficient

Not available.

Not available.

(n-octanol/water)
Auto-ignition temperature

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

Other information

Explosive properties Not established.

Oxidizing properties Not established.

Percent volatile 96.9 % estimated

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. No

hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Prolonged skin contact may cause temporary irritation. Skin contact Direct contact with eyes may cause temporary irritation. Eye contact

May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of Ingestion

occupational exposure.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Not known.

Components **Species Test Results**

SODIUM CHLORIDE (CAS 7647-14-5)

Acute Oral

Rat LD50 3000 mg/kg

TRIS BUFFER (CAS 77-86-1)

Acute Oral

LD50 Rat 5900 mg/kg

Skin corrosion/irritation Due to partial or complete lack of data the classification is not possible.

Corrosivity

TRIS BUFFER **OECD 404** Result: Non-irritant

Species: Rabbit

Serious eye damage/eye

irritation

Due to partial or complete lack of data the classification is not possible.

Eve TRIS BUFFER

OECD 405 Result: Non-irritant

Species: Rabbit

Respiratory or skin sensitization

Due to partial or complete lack of data the classification is not possible.

Respiratory sensitization Due to partial or complete lack of data the classification is not possible. Skin sensitization Due to partial or complete lack of data the classification is not possible.

Sensitization

TRIS BUFFER **OECD 406** Result: Negative

Species: Guinea pig

No data available to indicate product or any components present at greater than 0.1% are mutagenic Germ cell mutagenicity

or genotoxic.

Mutagenicity

TRIS BUFFER Ames Assay Result: Negative

QSAR, Leadscope Result: Negative

Carcinogenicity No data available to indicate product or any components present at greater than 0.1% are

carcinogenic.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicityDue to partial or complete lack of data the classification is not possible.

Specific target organ toxicity -

single exposure

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

Specific target organ toxicity -

repeated exposure

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

Aspiration hazardDue to partial or complete lack of data the classification is not possible.

Chronic effects Prolonged inhalation may be harmful.

Further information Caution - Pharmaceutical agent. Occupational exposure to the substance or mixture may cause

adverse effects.

12. Ecological information

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components Species Test Results

ALUMINIUM HYDROXIDE (CAS 21645-51-2)

Aquatic

Acute

Algae NOEC Green algae (Selenastrum capricornutum) > 100 mg/l, 72 hours

Crustacea NOEC Water flea (Daphnia magna) > 100 mg/l, 48 hours

Fish NOEC Brown trout (Adult Salmo trutta) > 100 mg/l, 96 hours Static renewal test

ETHYLENEDIAMINETETRAACETIC ACID (CAS 60-00-4)

EC50

Aquatic

Acute

Fish

Crustacea EC50 Water flea (Daphnia magna) 17 mg/l, 48 hours Static test

NOEC Water flea (Daphnia magna) 3.2 mg/l, 48 hours Static test

Bluegill sunfish (Adult Lepomis macrochirus)

Channel catfish (Adult Ictalurus punctatus) 129 mg/l, 96 hours Static test

Fathead minnow (Adult Pimephales 59.8 mg/l, 96 hours Static test

promelas)

SODIUM CHLORIDE (CAS 7647-14-5)

Aquatic

Acute

Algae EC50 Algae (Nitscheria linearis) 2430 mg/l, 5 days

Crustacea EC50 Water flea (Daphnia magna) 3310 mg/l, 48 hours Static test
Fish EC50 Bluegill sunfish (Juvenile Lepomis 1295 mg/l, 96 hours Static test

macrochirus)

Fathead minnow (Juvenile Pimephales

promelas)

6390 mg/l, 96 hours Static test

41.3 mg/l, 96 hours Static test

Goldfish (Adult Carassius auratus) 7000 mg/l, 96 hours

Mosquito fish (Adult Gambusia affinis) 17550 mg/l, 96 hours Static test

Persistence and degradability No data is available on the degradability of this product.

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

ETHYLENEDIAMINETETRAACETIC ACID 37 %, 14 days Zahn-Wellens, Activated sludge

SUCROSE 69 % BOD5

Percent degradation (Aerobic biodegradation-ready)

ETHYLENEDIAMINETETRAACETIC ACID 28 %, 28 days Sturm test

Percent degradation (Aerobic biodegradation-soil)

ETHYLENEDIAMINETETRAACETIC ACID 13 - 45 %, 15 weeks

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ETHYLENEDIAMINETETRAACETIC ACID -3.86 SUCROSE -3

Material name: MenB VACCINE (RECONSTITUTED)

SDS US

Bioconcentration factor (BCF)

ETHYLENEDIAMINETETRAACETIC ACID

0.8 - 1.8 Measured, Lepomis macrochirus, bluegill sunfish

Mobility in soil No data available.

Mobility in general

Volatility

Henry's law

ETHYLENEDIAMINETETRAACETIC ACID < 0 Estimated

< 0 atm m^3/mol Estimated **SUCROSE**

Other adverse effects Not available.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not discharge

into drains, water courses or onto the ground. Dispose in accordance with all applicable regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between the user, the producer and the waste Hazardous waste code

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal

instructions). Avoid discharge into water courses or onto the ground.

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

14. Transport information

DOT

Not regulated as a dangerous good.

Read safety instructions, SDS and emergency procedures before handling. Not available.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and

the IBC Code

15. Regulatory information

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard **US federal regulations**

Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed

SARA 311/312 Hazardous

No (Exempt)

chemical

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

PENMENVY VACCINE Version #: 03 Revision date: 12-11-2024 Issue date: 11-17-2021

Not regulated.

Material name: MenB VACCINE (RECONSTITUTED)

SDS US

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

US state regulations

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information, including date of preparation or last revision

11-17-2021 Issue date 12-11-2024 **Revision date**

Version # 03 **HMIS®** ratings

Health: 1 Flammability: 0

Physical hazard: 0

Health: 1 NFPA ratings

> Flammability: 0 Instability: 0

References GSK Hazard Determination.

Disclaimer The information and recommendations in this safety data sheet are, to the best of our knowledge,

> accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and the

suitability of the material or product for any particular purpose.

Product and Company Identification: Synonyms **Revision information**

Exposure controls/personal protection: Eye/face protection

Toxicological information: Acute toxicity Toxicological information: Aspiration hazard Toxicological information: Corrosivity Toxicological information: Eye contact Toxicological information: Mutagenicity Toxicological information: Reproductivity

Toxicological information: Respiratory or skin sensitization Toxicological information: Respiratory sensitization

Toxicological information: Ingestion Toxicological information: Inhalation Toxicological information: Skin contact

Toxicological information: Skin contact

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).