## SAFETY DATA SHEET



1. Identification

Product identifier Clostridium chauvoei-septicum-haemolyticum-novyi-sordellii-perfringens Types C&D

**Bacterin-Toxoid** 

Other means of identification

Synonyms UltraChoice® 8 \* UltraChoice™ 8

Recommended use Veterinary vaccine
Recommended restrictions Not for human use
Manufacturer/Importer/Supplier/Distributor information

Company Name (USA) Zoetis Inc.

10 Sylvan Way

Parsippany, New Jersey 07054 (USA)

**Rocky Mountain Poison &** 

**Drug Safety** 

1-866-531-8896

**Product Support/Technical** 

1-888-963-8471

Services

**Emergency telephone** 

numbers

CHEMTREC (24 hours): 1-800-424-9300

International CHEMTREC (24 hours): +1-703-527-3887

Company Name (CA) Zoetis Canada Inc.

16740 Trans-Canada Highway Kirkland, Quebec, H9H 4M7

**Emergency telephone** 

number

CHEMTREC (24 hours): 1-800-424-9300

Contact E-Mail productsupport@zoetis.com

**Product Support** 1-800-461-0917

All Safety Data Sheets are available via our Zoetis Canada website at

https://www.zoetis.ca/sds/sds.aspx

Supplier Not available.

2. Hazard identification

Physical hazards Not classified.

**Health hazards** Sensitization, respiratory Category 1A

Sensitization, skin Category 1
Carcinogenicity Category 1A

Environmental hazards Not classified.

Label elements



Signal word Danger

Hazard statement May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing

difficulties if inhaled. May cause cancer.

**Precautionary statement** 

**Prevention**Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapours. Contaminated work clothing should not be allowed

out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response IF ON SKIN: Wash with plenty of water. IF exposed or concerned: Get medical advice/attention. If

skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and

wash it before reuse.

Storage Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental information Direct contact with eyes may cause temporary irritation. In the event of accidental injection, an

allergic reaction may occur.

Other hazards None known.

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Water, purified		7732-18-5	>90
Aluminum potassium sulfate		7784-24-9	<5
Formaldehyde		50-00-0	0.2
Clostridium chauvoei		Not assigned	*
Clostridium haemolyticum		Not assigned	*
Clostridium novyi		Not assigned	*
Clostridium perfringens type C		Not assigned	*
Clostridium perfringens type D		Not assigned	*
Clostridium septicum		Not assigned	*
Clostridium sordellii		Not assigned	*
Saponin		8047-15-2	##

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** 

## Trace

#### 4. First-aid measures

Inhalation If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. In case of

eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. In the event of accidental self injection or needle stick injury,

wash the injury thoroughly with clean running water. Get medical attention immediately.

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

contact lenses, if present and easy to do.

**Ingestion** Call a physician immediately. Rinse mouth. Never give anything by mouth to a victim who is

unconscious or is having convulsions. 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. Exposed individuals may experience eye tearing, redness, and discomfort. May cause an allergic skin reaction. Dermatitis. Rash. Difficulty in breathing.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Saponins have little toxicity for humans when ingested but have hemolytic effects when injected intravenously.

General information

Take off contaminated clothing and shoes immediately. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. For personal protection, see section 8 of the SDS. Wash

contaminated clothing before reuse.

## 5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.

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.

<sup>\*</sup> Non-hazardous Ingredients

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

No unusual fire or explosion hazards noted.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Avoid contact with eyes, skin, and clothing. Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Do not touch or walk through spilled material. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Avoid release to the environment. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation.

Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Clean surface thoroughly to remove residual contamination.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

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

## 7. Handling and storage

Precautions for safe handling

Avoid accidental injection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash thoroughly after handling. Avoid release to the environment. Do not empty into drains. Observe good industrial hygiene practices. Use with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Store locked up. Store at 2-7°C. Prolonged exposure to higher temperatures may adversely affect potency. Do not freeze. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

**US. ACGIH Threshold Limit Values (TLV)** 

Components	Туре	Value	Form
Aluminum potassium sulfate (CAS 7784-24-9)	TWA	1 mg/m3	Respirable fraction.
Formaldehyde (CAS 50-00-0)	STEL	0.3 ppm	
	TWA	0.1 ppm	

Components	Туре	Value	
Aluminum potassium sulfate (CAS 7784-24-9)	TWA	2 mg/m3	
Formaldehyde (CAS 50-00-0)	Ceiling	1.3 mg/m3	
		1 ppm	
	TWA	0.9 mg/m3	
		0.75 ppm	

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Туре	Value	Form	
Aluminum potassium sulfate (CAS 7784-24-9)	TWA	1 mg/m3	Respirable.	_
Formaldehyde (CAS 50-00-0)	STEL	0.3 ppm		
	TWA	0.1 ppm		

3/9

Components	Туре	Value	Form
Aluminum potassium sulfate (CAS 7784-24-9)	TWA	1 mg/m3	Respirable fraction.
Formaldehyde (CAS 50-00-0)	STEL	0.3 ppm	
	TWA	0.1 ppm	
Canada. New Brunswick Publication (New Brunsw	OELs: Threshold Limit Values (TLVs) Ba ick Regulation 91-191)	sed on the 1991 and 1997 A	CGIH TLVs and BEIs
Components	Туре	Value	Form
Aluminum potassium sulfate (CAS 7784-24-9)	TWA	1 mg/m3	Respirable fraction.
Formaldehyde (CAS 50-00-0)	STEL	1.5 ppm	
	TWA	0.5 ppm	
Canada. Ontario OELs. (C Components	ontrol of Exposure to Biological or Cher Type	nical Agents), as amended Value	Form
Aluminum potassium sulfate (CAS 7784-24-9)	TWA	1 mg/m3	Respirable fraction.
Formaldehyde (CAS 50-00-0)	Ceiling	1.5 ppm	
	STEL	1 ppm	
Canada. Quebec OELs. (N	linistry of Labor - Regulation respecting Type	occupational health and sat Value	fety), as amended Form
Aluminum potassium	TWA	5 mg/m3	Respirable dust.
sulfate (CAS 7784-24-9)		, and the second	·
sulfate (CAS 7784-24-9)	TWA ELs (Occupational Health and Safety Re Type	, and the second	·
sulfate (CAS 7784-24-9)  Canada. Saskatchewan O	ELs (Occupational Health and Safety Re	gulations, 1996, Table 21), a	·
sulfate (CAS 7784-24-9)  Canada. Saskatchewan O Components  Formaldehyde (CAS	ELs (Occupational Health and Safety Re Type	gulations, 1996, Table 21), a Value 0.3 ppm	·
canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)	ELs (Occupational Health and Safety Re Type Ceiling	gulations, 1996, Table 21), a Value 0.3 ppm	·
Canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)  logical limit values	ELs (Occupational Health and Safety Re Type  Ceiling  No biological exposure limits noted for	gulations, 1996, Table 21), a Value  0.3 ppm  the ingredient(s).  iir changes per hour) should b blicable, use process enclosur in airborne levels below recon hed, maintain airborne levels t	e used. Ventilation rates es, local exhaust ventilation mended exposure limits.
Canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)  logical limit values ntrol banding approach propriate engineering itrols	ELs (Occupational Health and Safety ReType  Ceiling  No biological exposure limits noted for Not available.  Good general ventilation (typically 10 a should be matched to conditions. If appor other engineering controls to mainta exposure limits have not been establish	gulations, 1996, Table 21), a Value  0.3 ppm  the ingredient(s).  prir changes per hour) should be blicable, use process enclosur in airborne levels below reconned, maintain airborne levels to ined areas.	e used. Ventilation rates res, local exhaust ventilation mended exposure limits. To an acceptable level. Ens
Canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)  logical limit values atrol banding approach propriate engineering atrols	Ceiling  No biological exposure limits noted for Not available.  Good general ventilation (typically 10 a should be matched to conditions. If appror other engineering controls to maintate exposure limits have not been establish adequate ventilation, especially in confess, such as personal protective equipments.	gulations, 1996, Table 21), a Value  0.3 ppm  the ingredient(s).  prir changes per hour) should be blicable, use process enclosur in airborne levels below reconned, maintain airborne levels to ined areas.	e used. Ventilation rates res, local exhaust ventilation mended exposure limits. To an acceptable level. Ens
Canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)  logical limit values  ntrol banding approach propriate engineering itrols  ividual protection measure Eye/face protection	Ceiling  No biological exposure limits noted for Not available.  Good general ventilation (typically 10 a should be matched to conditions. If appror other engineering controls to maintate exposure limits have not been establish adequate ventilation, especially in confess, such as personal protective equipments.	gulations, 1996, Table 21), a Value  0.3 ppm  the ingredient(s).  price changes per hour) should be blicable, use process enclosur in airborne levels below reconned, maintain airborne levels trined areas.  Interest in the commended state of the commend	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. to an acceptable level. Ensit.
Canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)  logical limit values ntrol banding approach propriate engineering atrols  ividual protection measure Eye/face protection  Skin protection	Ceiling  No biological exposure limits noted for Not available.  Good general ventilation (typically 10 a should be matched to conditions. If appor other engineering controls to mainta exposure limits have not been establish adequate ventilation, especially in confes, such as personal protective equipment of the contact is likely, safety glasses with second contact is likely.	gulations, 1996, Table 21), a Value  0.3 ppm  the ingredient(s).  ir changes per hour) should be blicable, use process enclosur in airborne levels below reconned, maintain airborne levels trined areas.  int  side shields are recommended oves. Wear impervious gloves protective clothing (uniforms,	e used. Ventilation rates es, local exhaust ventilationmended exposure limits. to an acceptable level. Ensil.
Canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)  logical limit values atrol banding approach propriate engineering strols  Eye/face protection Skin protection Hand protection Other  Respiratory protection	Ceiling  No biological exposure limits noted for Not available.  Good general ventilation (typically 10 a should be matched to conditions. If approximate or other engineering controls to maintate exposure limits have not been establish adequate ventilation, especially in confest, such as personal protective equipment of contact is likely, safety glasses with such as the coveralls, etc.) in both production and I in case of insufficient ventilation, wear (mist, vapor or odor) is generated, responsimize exposure. If the applicable Ocappropriate respirator with a protection	gulations, 1996, Table 21), a Value  0.3 ppm  the ingredient(s).  ir changes per hour) should be blicable, use process enclosur in airborne levels below reconned, maintain airborne levels trined areas.  int side shields are recommended oves. Wear impervious gloves protective clothing (uniforms, aboratory areas. suitable respiratory equipment of the protection is recomme occupational Exposure Limit (O	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. To an acceptable level. Ensite if skin contact is possible lab coats, disposable t. Whenever air contaminanded as a precaution to EL) is exceeded, wear an
Canada. Saskatchewan O Components  Formaldehyde (CAS 50-00-0)  logical limit values ntrol banding approach propriate engineering itrols  ividual protection measure Eye/face protection Skin protection Hand protection Other	Ceiling  No biological exposure limits noted for Not available.  Good general ventilation (typically 10 a should be matched to conditions. If approximate or other engineering controls to maintate exposure limits have not been establish adequate ventilation, especially in confest, such as personal protective equipment of contact is likely, safety glasses with such as the such as personal protective clothing. Use coveralls, etc.) in both production and I in case of insufficient ventilation, wear (mist, vapor or odor) is generated, responding exposure. If the applicable Octains	gulations, 1996, Table 21), a Value  0.3 ppm  the ingredient(s).  ir changes per hour) should be blicable, use process enclosur in airborne levels below reconned, maintain airborne levels trined areas.  int side shields are recommended oves. Wear impervious gloves protective clothing (uniforms, aboratory areas. suitable respiratory equipment of the protection is recomme occupational Exposure Limit (O	e used. Ventilation rates es, local exhaust ventilation mended exposure limits. To an acceptable level. Ensite if skin contact is possible lab coats, disposable t. Whenever air contaminanded as a precaution to EL) is exceeded, wear an

# 9. Physical and chemical properties

**9.1 Appearance** Liquid Solution in multiple-dose vials

Physical state Liquid.

4/9

**Form** Liquid.

Colour Not available. Not available. Odour Not available. Melting point/freezing point Boiling point or initial boiling

point and boiling range

>100 °C (>212 °F)

**Flammability** Not applicable.

Upper/lower flammability or explosive limits Explosive limit - lower (%) Not available.

Explosive limit - upper

Not available.

(%)

Non-flammable Flash point **Auto-ignition temperature** Not available. **Decomposition temperature** Not available. > 6 - < 8 pН Kinematic viscosity Not available.

Solubility

Soluble Solubility (water)

Partition coefficient

Not available.

(n-octanol/water) (log value)

Vapour pressure Not available. Density and/or relative density Not available. Not available. Vapour density **Particle characteristics** Not available.

Other information

**Explosive properties** Not explosive. Not oxidising. Oxidising properties > 0.8 - < 1.2 Specific gravity

## 10. Stability and reactivity

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

Material is stable under normal conditions. **Chemical stability** 

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Protect from sunlight. Contact with incompatible materials. Store at 2-7°C. Prolonged exposure to Conditions to avoid

higher temperatures may adversely affect potency. Do not freeze.

This material can be denatured or inactivated by a variety of organic solvents, salts or heavy Incompatible materials

Hazardous decomposition

products

No hazardous decomposition products are known.

## 11. Toxicological information

## Information on likely routes of exposure

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged Inhalation

inhalation may be harmful.

Skin contact May cause an allergic skin reaction.

Formaldehyde Species: Rabbit

Severity: Moderate to Severe

Direct contact with eyes may cause temporary irritation. Eye contact

Formaldehyde Species: Rabbit

Severity: Severe

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

route of occupational exposure.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness, and discomfort. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

**Acute toxicity** 

Components

Expected to be a low hazard for usual industrial or commercial handling by trained

personnel.

Formaldehyde (CAS 50-00-0)

**Species** 

**Test Results** 

**Acute** 

Dermal

LD50

Rabbit

270 mg/kg

100 mg/kg

Inhalation

LC50

Mouse

Rat

Mouse

Rat

0.414 mg/l, 4 hours

Rat 0.48 mg/l, 4 hours

Oral LD50

Chronic

Inhalation

LOAEL

15 ppm, 2 years Tumours

15 ppm, 90 days Respiratory system

6 ppm, 2 years Tumours

Skin corrosion/irritation Serious eye damage/eye

irritation

Prolonged skin contact may cause temporary irritation.

Direct contact with eyes may cause temporary irritation.

Eye contact

Formaldehyde

Species: Rabbit

Severity: Severe

Respiratory or skin sensitisation

**ACGIH** sensitisation

Formaldehyde (CAS 50-00-0)

Dermal sensitisation Respiratory sensitisation

Canada - Alberta OELs: Irritant

Aluminum potassium sulfate (CAS 7784-24-9) Canada - Manitoba OELs Hazard: Dermal sensitization Irritant

Formaldehyde (CAS 50-00-0)

Dermal sensitisation

Canada - Manitoba OELs Hazard: Respiratory sensitization

Formaldehyde (CAS 50-00-0)

Respiratory sensitisation

Canada - Saskatchewan OELs Hazard Data: Sensitiser

Formaldehyde (CAS 50-00-0)

Sensitiser.

Respiratory sensitisation May cause allergy or asthma symptoms or breathing difficulties if inhaled.

**Skin Sensitisation** 

Formaldehyde

Skin sensitisation

Species: Guinea Pig

May cause an allergic skin reaction.

Severity: positive

Germ cell mutagenicity

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

mutagenic or genotoxic.

Mutagenicity

Formaldehyde

In Vitro Bacterial Mutagenicity (Ames)

Result: positive Species: Bacteria

In Vitro Chromosome Aberration

Result: positive Species: Rodent

Material name: Clostridium chauvoei-septicum-haemolyticum-novyi-sordellii-perfringens Types C&D Bacterin-Toxoid Version #: 02 Revision date: 29-April-2024 Issue date: 05-May-2017

Mutagenicity

Formaldehyde In Vitro Sister Chromatid Exchange

Result: positive Species: Rodent

In Vivo Chromosome Aberration

Result: positive Species: Not specified

Carcinogenicity May cause cancer.

**ACGIH Carcinogens** 

Aluminum potassium sulfate (CAS 7784-24-9)

A4 Not classifiable as a human carcinogen.

Formaldehyde (CAS 50-00-0) A1 Confirmed human carcinogen.

Canada - Alberta OELs: Carcinogen category

Formaldehyde (CAS 50-00-0) Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity

Aluminum potassium sulfate (CAS 7784-24-9)

Not classifiable as a human carcinogen.

Formaldehyde (CAS 50-00-0) Confirmed human carcinogen.

Canada - Quebec OELs: Carcinogen category

Formaldehyde (CAS 50-00-0) Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Formaldehyde (CAS 50-00-0) 1 Carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

Formaldehyde (CAS 50-00-0) Known To Be Human Carcinogen.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

**Developmental effects** 

Formaldehyde 185 mg/kg/day Embryo / Fetal Development, Not teratogenic

Maternal toxicity Species: Mouse Organ: Oral

40 ppm Embryo / Fetal Development, Not Teratogenic

Maternal Toxicity Species: Rat Organ: Inhalation

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard

Not an aspiration hazard.

**Chronic effects** 

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

**Further information** 

May cause allergic respiratory and skin reactions. In the event of accidental injection, an allergic reaction may occur. The antigens included in this product are non-infectious. All have been prepared from killed or inactivated preparations of microorganisms. Saponins have little toxicity for humans when ingested but have hemolytic effects when

injected intravenously.

### 12. Ecological information

**Ecotoxicity** 

Avoid release to the environment. 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
Formaldehyde (CAS 5	50-00-0)		
Aquatic			
Crustacea	EC50	Daphnia magna (Water Flea)	42 mg/l, 24 Hours
Fish	LC50	Oncorhynchus mykiss (rainbow trout)	118 ppm, 96 Hours
Acute			
Crustacea	EC50	Water flea (Daphnia pulex)	4.3 - 7.8 mg/l, 48 hours
Fish	LC50	Bluegill (Lepomis macrochirus)	8.7 mg/l, 96 hours

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

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

**Disposal instructions** Avoid release to the environment. Do not discharge into drains, water courses or onto the ground.

Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water 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.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

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

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.

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

emptied.

## 14. Transport information

#### **TDG**

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

### **IMDG**

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and

Not established.

the IBC Code

### 15. Regulatory information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS

contains all the information required by the HPR.

### **Controlled Drugs and Substances Act**

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

**Greenhouse Gases** 

Not listed.

**Precursor Control Regulations** 

Not regulated.

### International regulations

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Kyoto Protocol** 

Not applicable.

Montreal Protocol

**Basel Convention** 

Not applicable.

Not applicable.

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

TaiwanTaiwan Chemical Substance Inventory (TCSI)NoUnited States & Puerto RicoToxic Substances Control Act (TSCA) InventoryNo

## 16. Other information

Country(s) or region

Issue date05-May-2017Revision date29-April-2024

Version No. 02

Disclaimer Zoetis 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. The information in the sheet was written based on the best knowledge and experience currently

available.

Inventory name

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.

On inventory (yes/no)\*

<sup>\*</sup>A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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).