# **SAFETY DATA SHEETS**

# This SDS packet was issued with item:

078939204

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078939202 078939203 078939205 078939206 078939207 078945509 078945510 078945512

# SAFETY DATA SHEET



1. Identification

Product identifier Simparica Trio

Other means of identification

Synonyms Simparica Trio Chewable Tablets \* Chewable Heartworm Tablets \* Isoxazoline/Moxidectin/Pyrantel

Pamoate Chewable Tablets

Recommended use Veterinary antiparasitic (ectocide); anti-worm agent (anthelmintic)

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

Company Name (US) Zoetis Inc.

10 Sylvan Way

Parsippany, New Jersey 07054 (USA)

**Rocky Mountain Poison** 

and Drug Center

1-866-531-8896

**Product Support/Technical** 

**Services** 

1-800-366-5288

**Emergency telephone** 

numbers

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

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

Company Name (EU) Zoetis Belgium S.A.

Mercuriusstraat 20 1930 Zaventem

Belgium

**Emergency telephone** 

number

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

Contact E-Mail VMIPSrecords@zoetis.com

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Hazardous to the aquatic environment, acute Category 1

hazard

Hazardous to the aquatic environment,

long-term hazard

OSHA defined hazards Not classified.

Label elements

Signal word Warning

**Hazard statement** Very toxic to aquatic life with long lasting effects.

Precautionary statement

**Prevention** Avoid release to the environment.

Response Collect spillage.

**Storage** Store away from incompatible materials.

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

Category 1

Hazard(s) not otherwise

classified (HNOC)

None known.

Supplemental information None.

Material name: Simparica Trio

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#### 3. Composition/information on ingredients

#### **Mixtures**

Chemical name Common name and synonyms		CAS number	%	
Pyrantel pamoate		22204-24-6	16	
Sarolaner		1398609-39-6	1.3	
Moxidectin		113507-06-5	0.03	
Magnesium stearate		557-04-0	<2	
Silica colloidal, Ph. Eur.		112945-52-5	<2	
Butylated hydroxytoluene		128-37-0	<1	

**Composition comments** 

% = w/w

In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been

withheld as a trade secret.

4. First-aid measures

Move to fresh air. Call a physician if symptoms develop or persist. Inhalation

Skin contact Wash off with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Eve 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 Rinse mouth. Call a physician or poison control center immediately. Only induce vomiting at the

instruction of medical personnel. Never give anything by mouth to an unconscious person.

Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, Most important redness, or discomfort.

symptoms/effects, acute and delayed

Indication of immediate medical attention and special Provide general supportive measures and treat symptomatically.

treatment needed

**General information** 

IF exposed or concerned: Get medical advice/attention. For personal protection, see section 8 of the SDS. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

#### 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.

Use water spray to cool unopened containers.

Fire fighting equipment/instructions

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. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up Wear appropriate protective equipment and clothing during clean-up. Avoid the generation of dusts during clean-up. Prevent product from entering drains.

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. For waste disposal, see section 13 of the SDS.

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#### **Environmental precautions**

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

#### Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not taste or swallow. Avoid contact with skin and eyes. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities Keep tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. 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 this time, the other constituents have no known exposure limits.

Zoetis	<b>T</b>	Walna	
Components	Туре	Value	
Moxidectin (CAS 113507-06-5)	TWA	70 μg/m3	
Pyrantel pamoate (CAS 22204-24-6)	TWA	300 μg/m3	
Sarolaner (CAS 1398609-39-6)	TWA	110 μg/m³	
US. OSHA Table Z-3 (29 CFR 1910	.1000)		
Components	Туре	Value	
Silica colloidal, Ph. Eur. (CAS 112945-52-5)	TWA	0.8 mg/m3	
		20 mppcf	
US. ACGIH Threshold Limit Values	2		
Components	Туре	Value	Form
Butylated hydroxytoluene (CAS 128-37-0)	TWA	2 mg/m3	Inhalable fraction and vapor.
Magnesium stearate (CAS 557-04-0)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
US. NIOSH: Pocket Guide to Chem	nical Hazards		
Components	Туре	Value	
Butylated hydroxytoluene (CAS 128-37-0)	TWA	10 mg/m3	
Silica colloidal, Ph. Eur. (CAS 112945-52-5)	TWA	6 mg/m3	

**Biological limit values** No biological exposure limits noted for the ingredient(s).

Control banding approach Not available.

Appropriate engineering General ventilation normally adequate. controls

Individual protection measures, such as personal protective equipment

Eye/face protection If contact is likely, safety glasses with side shields are recommended.

Skin protection

Wear protective gloves. Hand protection

Wear suitable protective clothing. Other

No personal respiratory protective equipment normally required. Respiratory protection

Thermal hazards Not applicable.

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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.

## 9. Physical and chemical properties

Tablet. **Appearance** Solid. Physical state **Form** Solid.

Reddish-brown. Color Not available. Odor Odor threshold Not available. Not available. Not available. Melting point/freezing point Initial boiling point and boiling Not available.

range

Not available. Flash point **Evaporation rate** Not available. Not available. Flammability (solid, gas) Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Not available.

Flammability limit - upper

Not available.

Not available.

Explosive limit - lower (%) Explosive limit - upper (%) Not available. Not available. Vapor pressure Vapor density Not available. Not available. Relative density

Solubility(ies)

Not available. Solubility (water) Not available. **Partition coefficient** 

(n-octanol/water)

**Auto-ignition temperature** Not available. Not available. **Decomposition temperature** Not available. **Viscosity** 

Other information

Not explosive. **Explosive properties** Oxidizing properties Not oxidizing.

# 10. Stability and reactivity

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

Material is stable under normal conditions. **Chemical stability** Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid

Contact with incompatible materials. High temperatures. Keep away from heat, sparks and open

Incompatible materials Peroxides. Phenols. Strong oxidizing agents.

Hazardous decomposition

products

Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.

## 11. Toxicological information

Information on likely routes of exposure

Health injuries are not known or expected under normal use. Inhalation

Material name: Simparica Trio SDS US Skin contact No adverse effects due to skin contact are expected. Prolonged skin contact may cause

temporary irritation.

Moxidectin Species: Rabbit

Severity: Mild

Butylated hydroxytoluene Species: Rabbit

Severity: Moderate

Sarolaner Species: Rabbit

Severity: Non-irritating

Eye contact Direct contact with eyes may cause temporary irritation.

Sarolaner Species: Rabbit

Severity: Minimal

Butylated hydroxytoluene Species: Rabbit

Severity: Moderate

Moxidectin Species: Rabbit

Severity: Moderate

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

occupational exposure.

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

irritation, redness, or discomfort.

#### Information on toxicological effects

Acute toxicity	May be harmful if swallowed.	
Components	Species	Test Results
Butylated hydroxytoluene (	(CAS 128-37-0)	
<u>Acute</u>		
Intraperitoneal		
LD50	Mouse	138 mg/kg
Oral		
LD50	Mouse	650 mg/kg
	Rat	1700 mg/kg
<u>Chronic</u>		
Oral		
LOAEL	Mouse	2000 mg/kg, 4 days Liver Kidney Ureter Bladder
	Rat	5185 mg/kg, 4 weeks Liver
Magnesium stearate (CAS	557-04-0)	
<u>Acute</u>		
Inhalation		
LC50	Rat	> 2000 mg/m3
Oral		
LD50	Rat	> 2000 mg/kg
Moxidectin (CAS 113507-0	06-5)	
<b>Acute</b>		
Dermal		
LD50	Rat	> 2000 mg/kg

Material name: Simparica Trio

**Chronic** Oral **NOEL** 

Oral LD50

30 mg/kg/day, 2 years (Not carcinogenic)

106 mg/kg

Rat

Mouse

Components	Species	Test Results
	Rat	100 mg/kg/day, 2 years (Not carcinogenic)
<u>Subacute</u>		
Oral		
LOEL	Rat	100 mg/kg/day, 28 days (Central Nervous System)
NOEL	Mouse	75 mg/kg/day, 28 days (Central nervous system)
<u>Subchronic</u>		
Oral		
NOEL	Dog	10 mg/kg/day, 90 days (Central Nervous System)
	Rat	50 mg/kg/day, 13 weeks (Central Nervous System)
Pyrantel pamoate (CAS 22	2204-24-6)	
Acute		
Intraperitoneal LD50	Mouse	620 mg/kg
LD30		
01	Rat	535 mg/kg
<b>Oral</b> LD50	Mouse	> 24 g/kg
LD30		
	Rat	> 4000 mg/kg
		> 24 g/kg
<u>Subacute</u>		
<b>Oral</b> LOAEL	Dog	50 mg/kg/day, 1 months (Target organs: Gastrointestinal system, Liver)
NOAEL	Rat	500 mg/kg/day, 1 months (Target organs: None identified)
Subchronic		
Oral		
NOAEL	Dog	100 mg/kg/day, 13 weeks (Target organs: Gastrointestinal system, Liver)
	Rat	300 mg/kg/day, 13 weeks (Target organs: None identified)
Sarolaner (CAS 1398609-	39-6)	
<u>Acute</u>		
Dermal	D	
LD50	Rat	> 2020 mg/kg
Oral	Det	702
LD50	Rat	783 mg/kg
<u>Subacute</u>		
<b>Oral</b> NOAEL	Rat	2.5 mg/kg/day, 14 days (Adrenal gland)
NOALL	Nat	
		2.2 mg/kg/day, 30 days (Adrenal gland, Ovary, Liver)
<u>Subchronic</u>		
Oral		
NOAEL	Rat	25 mg/kg/day, 90 days (Adrenal gland, Ovary, Pancreas)

Material name: Simparica Trio

Components **Test Results Species** 

Silica colloidal, Ph. Eur. (CAS 112945-52-5)

**Acute** Oral

LD50 Rat > 22500 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Corrosivity

Moxidectin Species: Rabbit

Severity: Mild

Irritation Corrosion - Skin

Sarolaner Result: Non-irritant

Species: Rabbit

Serious eye damage/eye

irritation

Direct contact with eyes may cause temporary irritation.

**Eye Contact** 

Sarolaner Species: Rabbit

Severity: Minimal

Species: Rabbit Butylated hydroxytoluene

Severity: Moderate

Moxidectin Species: Rabbit

Severity: Moderate

Respiratory or skin sensitization

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

Skin sensitization Based on available data, the classification criteria are not met. This product is not expected to

cause skin sensitization.

Skin sensitization

Sarolaner LLNA

> Species: Mouse Severity: Negative

Moxidectin Species: Guinea Pig

Severity: Negative

Based on available data, the classification criteria are not met. No data available to indicate Germ cell mutagenicity

product or any components present at greater than 0.1% are mutagenic or genotoxic.

Mutagenicity

Sarolaner Bacterial Mutagenicity (Ames)

Result: Negative

Species: Salmonella, E. coli

Pyrantel pamoate Bacterial Mutagenicity (Ames)

Result: Negative Species: Salmonella

Moxidectin In Vitro Bacterial Mutagenicity (Ames)

Result: Negative

Species: Salmonella, E. coli

Sarolaner In Vitro Chromosome Aberration

Result: Negative

Species: Human Lymphocytes

Moxidectin In Vitro HGPRT Forward Gene Mutation Assay

Result: Negative

Species: Chinese Hamster Ovary (CHO) cells

Material name: Simparica Trio

Mutagenicity

Sarolaner In Vitro Micronucleus

Result: Negative

Species: Chinese Hamster Ovary (CHO) cells

Moxidectin In Vivo Cytogenetics

Result: Negative

Species: Rat Bone Marrow

Sarolaner In Vivo Micronucleus

> Result: Negative Species: Rat

Moxidectin In Vivo Unscheduled DNA Synthesis

> Result: Negative Species: Rat Hepatocyte

Carcinogenicity Based on available data, the classification criteria are not met. This product is not

considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Butylated hydroxytoluene (CAS 128-37-0) 3 Not classifiable as to carcinogenicity to humans. Silica colloidal, Ph. Eur. (CAS 112945-52-5) 3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity Based on available data, the classification criteria are not met. This product is not expected to

cause reproductive or developmental effects.

**Developmental effects** 

Moxidectin 1 mg/kg/day Embryo / Fetal Development, (Maternal toxicity,

> Not teratogenic) Result: NOEL Species: Rabbit Organ: Oral route

Pyrantel pamoate 250 mg/kg Embryo / Fetal Development, Not Teratogenic

Result: NOAEL Species: Rabbit Organ: Oral

250 mg/kg Embryo / Fetal Development, Not Teratogenic

Result: NOAEL Species: Rat Organ: Oral

250 mg/kg Prenatal & Postnatal Development, No effects at

maximum dose Result: NOAEL Species: Rat Organ: Oral

Sarolaner 3 mg/kg/day Embryo / Fetal Development, Maternal Toxicity

Not Teratogenic Result: NOAEL Species: Rabbit Organ: Oral

3.2 mg/kg/day Embryo / Fetal Development, Maternal toxicity

Not teratogenic Result: NOAEL Species: Rat Organ: Oral

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**Developmental effects** 

Moxidectin 5 mg/kg/day Embryo / Fetal Development, (Negative)

Result: NOEL Species: Rat Organ: Oral route

5 mg/kg/day Embryo / Fetal Development, (Not Teratogenic,

Embryotoxicity, Maternal Toxicity)

Result: NOEL Species: Rat Organ: Oral route

Butylated hydroxytoluene 6 g/kg Embryo / Fetal Development, Teratogenic

Result: LOEL Species: Rat Organ: Oral

Reproductivity

Pyrantel pamoate 250 mg/kg Reproductive & Fertility, No effects at maximum

Result: NOAEL Species: Rat Organ: Oral

Specific target organ toxicity -

single exposure

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

Specific target organ toxicity -

repeated exposure

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

Not an aspiration hazard. **Aspiration hazard** 

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects. Avoid release to the environment.

Components		Species	Test Results
Moxidectin (CAS 113507-06	-5)		
Aquatic			
Algae	ErC50	Green algae (Selenastrum capricornutum)	> 87 ppb, 72 Hours
Crustacea	EC50	Daphnia Magna (Water Flea)	30 ppt, 48 Hours
Fish	LC50	Lepomis macrochirus (Bluegill Sunfish)	0.62 ppb, 96 Hours
		Oncorhynchus mykiss (Rainbow Trout)	0.16 ppb, 96 Hours
Sarolaner (CAS 1398609-39	-6)		
Aquatic			
Algae	EC50	Pseudokirchneriella subcapitata (Green Alga)	> 0.27 mg/L, 72 Hours (ErC50)
Crustacea	EC50	Daphnia magna (Water Flea)	0.27 mg/L, 48 Hours
Fish	LC50	Fish	> 0.54 mg/L, 96 Hours
rsistence and degradability	No data is ava	allable on the degradability of this product.	

Pe

Bioaccumulative potential No data available for this product. The following information is available for the individual

ingredients.

Partition coefficient n-octanol / water (log Kow)

Moxidectin 4.77

Sarolaner 3.25

Mobility in soil No data available for this product. The following information is available for the individual

ingredients.

Adsorption

Soil/sediment sorption - log Koc

Moxidectin 4.3 - 4.6

Material name: Simparica Trio SDS US 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 contaminate ponds, waterways or ditches with chemical or used container. 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. Dispose of contents/container in accordance with local/regional/national/international regulations.

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 (see: Disposal instructions).

Contaminated packaging

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

emptied.

## 14. Transport information

DOT

UN3077 **UN number** 

UN proper shipping name

Environmentally Hazardous Substance, Solid, n.o.s (Moxidectin, Sarolaner), MARINE

POLLUTANT

Transport hazard class(es)

Class 9 Subsidiary risk Ш Packing group **Environmental hazards** 

Marine pollutant

Yes

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IATA

**UN number** 

**UN proper shipping name** 

Transport hazard class(es)

Environmentally Hazardous Substance, Solid, n.o.s (Moxidectin, Sarolaner)

9 Class Subsidiary risk Ш Packing group **Environmental hazards** Yes

**IMDG** 

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

UN3077 **UN number** 

**UN proper shipping name** 

Environmentally Hazardous Substance, Solid, n.o.s (Moxidectin, Sarolaner), MARINE

**POLLUTANT** 

Transport hazard class(es)

Class 9 Subsidiary risk Packing group Ш

**Environmental hazards** 

Marine pollutant Yes **EmS** F-A. S-F

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Not applicable.

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

the IBC Code

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#### DOT; IATA; IMDG



#### Marine pollutant



#### **General information**

As of January 1, 2015, materials offered for transport that are classified for transportation only as Marine Pollutants and which are packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 Liters or less for liquids or having a net mass per single or inner packaging of 5 kilograms or less for solids are NOT subject to ICAO/IATA, IMDG, or ADR transport regulations provided the general packaging requirements of those regulations are met. Refer to ICAO/IATA A197, IMDG 2.10.2.7, ADR SP 375. Please refer to the applicable dangerous goods regulations for additional information. Transport according to the requirements of the appropriate regulatory body.

# 15. Regulatory information

US federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

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

Not regulated.

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

Not regulated.

Safe Drinking Water Act

Not regulated.

(SDWA)

Material name: Simparica Trio SDS US

## **US** state regulations

#### **California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 2016 (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 Chemical Substances (AICS)	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) 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

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

07-01-2019 Issue date

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country(s).

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.

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

Material name: Simparica Trio SDS US 12 / 12