This SDS packet was issued with item: 078929646

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

078929631 078929634 078929635 078929636 078929638 078929639 078929640 078929641 078929642 078929643 078929644 078929645



Revision date: 24-Sep-2015

Version: 5.3

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product Identifier

Material Name: Selamectin topical solution- Single dose tubes

Trade Name: Synonyms: Chemical Family: REVOLUTION; STRONGHOLD; PARADYNE Selamectin formulation Mixture

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Intended Use: Restrictions on Use: Veterinary product used as Antiparasitic (veterinary); endectocide Not for human use

Details of the Supplier of the Safety Data Sheet

Zoetis Inc.Z100 Campus Drive, P.O. Box 651MFlorham Park, New Jersey 07932 (USA)19Rocky Mountain Poison and Drug Center Phone: 1-866-531-8896BProduct Support/Technical Services Phone: 1-800-366-5288

Emergency telephone number: CHEMTREC (24 hours): 1-800-424-9300 Contact E-Mail: VMIPSrecords@zoetis.com Zoetis Belgium S.A. Mercuriusstraat 20 1930 Zaventem Belgium

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

2. HAZARDS IDENTIFICATION

Appearance: Colorless to pale yellow solution Classification of the Substance or Mixture GHS - Classification

> Serious Eye Damage/Eye Irritation: Category 2A Reproductive Toxicity: Category 2 Specific target organ systemic toxicity (single exposure): Category 3 Acute aquatic toxicity: Category 2 Chronic aquatic toxicity: Category 2 Flammable liquids- Category 2

Label Elements

 Signal Word:
 Danger

 Hazard Statements:
 H225 - Highly flammable liquid and vapor

 H336 - May cause drowsiness and dizziness
 H319 - Causes serious eve irritation

H361 - Suspected of damaging fertility or the unborn child

H411 - Toxic to aquatic life with long lasting effects

Material Name: Selamectin topical solution- Single dose tubes Revision date: 24-Sep-2015

Precautionary Statements:	P201 - Obtain special instructions before use
	P202 - Do not handle until all safety precautions have been read and understood
	P210 - Keep away from heat/sparks/open flames/hot surfaces No smoking
	P233 - Keep container tightly closed
	P240 - Ground/Bond container and receiving equipment
	P241 - Use explosion-proof electrical/ventilating/lighting/equipment
	P242 - Use only non-sparking tools
	P243 - Take precautionary measures against static discharge
	P280 - Wear protective gloves/protective clothing/eye protection/face protection
	P264 - Wash hands thoroughly after handling
	P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
	P271 - Use only outdoors or in a well-ventilated area
	P273 - Avoid release to the environment
	P308 + P313 - IF exposed or concerned: Get medical attention/advice
	P312 - Call a POISON CENTRE/doctor/physician if you feel unwell
	P370 + P378 - In case of fire: Use CO2, dry chemical or foam for extinction
	P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.
	Rinse skin with water/shower
	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing
	P337 + P313 - If eye irritation persists: Get medical advice/attention
	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position
	comfortable for breathing
	P405 - Store locked up
	P403 + P235 - Store in a well-ventilated place. Keep cool
	P501 - Dispose of contents/container in accordance with all local and national regulations



Other Hazards Short Term: Long Term:

Australian Hazard Classification (NOHSC):

Note:

Not acutely toxic (based on components). May cause slight skin irritation. Prolonged or repeated contact may cause defatting dermatitis (dryness and cracking of the skin). Repeat-dose studies in animals have shown a potential to cause adverse effects on : liver, reproductive system, and the developing fetus. Hazardous Substance. Dangerous Goods.

This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous				1
Ingredient	CAS Number	EU EINECS/ELINCS	GHS Classification	%
		List		

3. COMPOSITION/INFORMATION ON INGREDIENTS				
Isopropyl alcohol	67-63-0	200-661-7	STOT SE 3 (H336) Flam. Liq. 2 (H225) Eye Irrit. 2A (H319)	72 - 86
Selamectin	220119-17-5	Not Listed	Repr.2 (H361) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	7 - 15
Dipropylene glycol methyl ether	34590-94-8	252-104-2	Not Listed	<1.0
Butylated hydroxytoluene	128-37-0	204-881-4	Not Listed	<1.0

Additional Information:

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.

For the full text of the CLP/GHS abbreviations mentioned in this Section, see Section 16

4. FIRST AID MEASURES

Description of First Aid Measures

Eye Contact:	Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.
Skin Contact:	Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.
Ingestion:	Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.
Inhalation:	Remove to fresh air and keep patient at rest. Seek medical attention immediately.
Most Important Symptoms and Effect Symptoms and Effects of Exposure: Medical Conditions Aggravated by Exposure:	 ts, Both Acute and Delayed For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification and/or Section 11 - Toxicological Information. None known
Indication of the Immediate Medical	Attention and Special Treatment Needed

Notes to Physician: None

5. FIRE-FIGHTING MEASURES

Extinguishing Media:

Carbon dioxide, dry chemical, or foam

Special Hazards Arising from the Substance or Mixture

Hazardous Combustion
Products:Formation of toxic gases is possible during heating or fire.Fire / Explosion Hazards:Highly flammable. Vapors will form flammable or explosive mixtures with air at room
temperature. Vapors are heavier than air and may travel along surfaces to remote ignition
sources and flash back.

Advice for Fire-Fighters

Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear. Dike and collect water used to fight fire. Use spark-proof tools and explosion-proof equipment

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure. Eliminate all sources of ignition and ventilate area using explosion-proof equipment.

Environmental Precautions

Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

Methods and Material for Containment and Cleaning Up

Measures for Cleaning / Collecting:	Contain the source of the spill if it is safe to do so. Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding procedures. Use non-combustible absorbent material to wipe up spill and place in a sealed container for disposal. Clean contaminated surface thoroughly. Prevent discharge to drains.
Additional Consideration for Large Spills:	Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel. Contain the source of the spill or leak and shut off all electrical equipment if it is safe to do so. Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding procedures. Use water spray to disperse vapors and dilute spill to a nonflammable mixture. Collect spill with a non-combustible absorbent material and transfer to labeled container for disposal. Clean spill area thoroughly. Prevent runoff from entering waterways or sewers. Prevent discharge to drains.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding and bonding procedures. Take precautionary measures against static discharges. Use only in a well-ventilated area. Avoid breathing vapor or mist. Avoid contact with eyes, skin 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. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.

Conditions for Safe Storage, Including any Incompatibilities Storage Conditions: Store at room temperatu

Storage Temperature: Specific end use(s): Store at room temperature in properly labeled containers. Keep away from heat, sparks, flame, and other sources of ignition. Store away from direct sunlight. Keep container tightly closed when not in use. Keep out of reach of children. Store as directed by product packaging. Store at or below 30°C (86°F).

Veterinary product used as Antiparasitic (veterinary); endectocide

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

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

Isopropyl alcohol

ACGIH Threshold Limit Value (TWA) ACGIH Threshold Limit Value (STEL) ACGIH - Biological Exposure Limit: Australia STEL 200 ppm 400 ppm 40 mg/L 500 ppm 1230 mg/m³

Page 5 of 13 Version: 5.3

8. EXPOSURE CONTROL	S / PERSONAL PROTECTION
Australia TWA	400 ppm
	983 mg/m ³
Austria OEL - MAKs	200 ppm
	500 mg/m ³
Belgium OEL - TWA	200 ppm
	500 mg/m ³
Bulgaria OEL - TWA	980.0 mg/m ³
Czech Republic OEL - TWA	500 mg/m ³
Denmark OEL - TWA	200 ppm
	490 mg/m ³
Estonia OEL - TWA	150 ppm
	350 mg/m ³
Finland OEL - TWA	200 ppm
Commence TROS 000 TWAS	500 mg/m ³
Germany - TRGS 900 - TWAs	200 ppm 500 mg/m ³
Germany (DFG) - MAK	200 ppm
Germany (DI G) - MAR	500 mg/m ³
Germany - Biological Exposure Limit:	25 mg/L
Greece OEL - TWA	400 ppm
	980 mg/m ³
Hungary OEL - TWA	500 mg/m ³
Ireland OEL - TWAs	200 ppm
Japan - OELs - Ceilings	400 ppm
	980 mg/m ³
Latvia OEL - TWA	350 mg/m ³
Lithuania OEL - TWA	150 ppm
	350 mg/m ³
OSHA - Final PELS - TWAs:	400 ppm
	980 mg/m ³
Poland OEL - TWA	900 mg/m ³
Portugal OEL - TWA	200 ppm
Romania OEL - TWA	81 ppm
	200 mg/m ³
Romania - Biological Exposure Limit:	50 mg/L
Slovakia OEL - TWA	200 ppm
Slovenia OEL TWA	500 mg/m ³
Slovenia OEL - TWA	200 ppm 500 mg/m ³
Spain OEL - TWA	200 ppm
Spall OLE - TWA	500 mg/m ³
Spain - Biological Exposure Limit:	40 mg/L
Sweden OEL - TWAs	150 ppm
	350 mg/m ³
Switzerland OEL -TWAs	200 ppm
	500 mg/m ³
	-
Selamectin	
Zoetis OEL TWA 8-hr	200 μg/m ³
Dipropylene glycol methyl ether	
ACGIH Threshold Limit Value (TWA)	100 ppm
ACGIH Threshold Limit Value (STEL)	150 ppm

Page 6 of 13 Version: 5.3

	ROLS / PERSONAL PROTECTION
ACGIH - Skin Absorption Designation	Skin - potential significant contribution to overall exposure by the cutaneous route
Australia TWA	50 ppm
Austria OEL - MAKs	308 mg/m ³
AUSTRIA OEL - MAKS	50 ppm 307 mg/m ³
Belgium OEL - TWA	50 ppm
-	308 mg/m ³
Bulgaria OEL - TWA	308.0 mg/m ³
Cyprus OEL - TWA	50 ppm 50 ppm
Cyprus OLL - TWA	308 mg/m ³
Czech Republic OEL - TWA	270 mg/m ³
Denmark OEL - TWA	50 ppm
	309 mg/m ³
Estonia OEL - TWA	50 ppm 308 mg/m ³
Finland OEL - TWA	50 ppm
	310 mg/m ³
France OEL - TWA	50 ppm
	308 mg/m ³
Germany - TRGS 900 - TWAs	50 ppm 310 mg/m ³
Germany (DFG) - MAK	50 ppm
	310 mg/m ³ mixture of isomers
Greece OEL - TWA	100 ppm
Hungary OEL - TWA	600 mg/m ³ 308 mg/m ³
Ireland OEL - TWA	50 ppm
	308 mg/m ³
Italy OEL - TWA	50 ppm
	308 mg/m ³
Latvia OEL - TWA	50 ppm 308 mg/m ³
Lithuania OEL - TWA	50 ppm
	300 mg/m ³
Malta OEL - TWA	50 ppm
Notherlands OEL TWA	308 mg/m ³ 300 mg/m ³
Netherlands OEL - TWA OSHA - Final PELS - TWAs:	100 ppm
	600 mg/m ³
OSHA - Final PELs - Skin Notations:	prevent or reduce skin absorption
Poland OEL - TWA	240 mg/m ³
Portugal OEL - TWA	100 ppm
Romania OEL - TWA	50 ppm 308 mg/m ³
	18 ppm
	300 mg/m ³
Slovakia OEL - TWA	50 ppm
Slovenia OEL - TWA	308 mg/m ³ 50 ppm
Sidvenia DEL - I WA	308 mg/m ³

Page 7 of 13 Version: 5.3

8. EXPOSURE CONTROLS / PERSONAL PROTE	CTION
Spain OEL - TWA 50 ppm	
308 mg/m ³	
Sweden OEL - TWAs 50 ppm	
300 mg/m ³	
Switzerland OEL -TWAs 50 ppm	
300 mg/m ³	
Butylated hydroxytoluene	
ACGIH Threshold Limit Value (TWA) 2 mg/m ³	
Australia TWA 10 mg/m ³	
Austria OEL - MAKs 10 mg/m ³	
Belgium OEL - TWA 2 mg/m ³	
Bulgaria OEL - TWA 10.0 mg/m ³	
Denmark OEL - TWA 10 mg/m ³	
Finland OEL - TWA 10 mg/m ³	
France OEL - TWA 10 mg/m ³	
Germany - TRGS 900 - TWAs 10 mg/m ³	
Germany (DFG) - MAK 10 mg/m ³	
Greece OEL - TWA 10 mg/m ³	
Ireland OEL - TWAs 10 mg/m ³	
Portugal OEL - TWA 2 mg/m ³	
Slovenia OEL - TWA 10 mg/m ³	
Spain OEL - TWA 10 mg/m ³	
Switzerland OEL -TWAs 10 mg/m ³	
Exposure Controls	
Engineering Controls: Engineering controls should be used as the primary means to	control exposures Keen
airborne contamination levels below the exposure limits listed	
Personal Protective Refer to applicable national standards and regulations in the s	
Equipment: protective equipment (PPE).	
Una des	and the second for both
Hands: Impervious gloves are recommended if skin contact with drug processing operations.	product is possible and for bulk
Eyes: Wear safety glasses or goggles if eye contact is possible.	
Skin: Impervious protective clothing is recommended if skin contact	with drug product is possible and
for bulk processing operations. Respiratory protection: If the applicable Occupational Exposure Limit (OEL) is exceed	od waar an annrapriata
Respiratory protection: If the applicable Occupational Exposure Limit (OEL) is exceed respirator with a protection factor sufficient to control exposure	
· · ·	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Odor: Molecular Formula:

Solvent Solubility:No data availableWater Solubility:No data availableSolubility:Miscible: WaterpH:No data available.Melting/Freezing Point (°C):No data availableBoiling Point (°C):84Partition Coefficient: (Method, pH, Endpoint, Value)

Solution

Mixture

Characteristic alcohol odor

Color: Odor Threshold: Molecular Weight: Yellow to colorless No data available. Mixture

Material Name: Selamectin topical solution- Single dose tubes Revision date: 24-Sep-2015

Page 8 of 13 Version: 5.3

9. PHYSICAL AND CHEMICAL PROPERTIES Selamectin Measured Log P 3.1 Decomposition Temperature (°C): No data available. Evaporation Rate (Gram/s): No data available Vapor Pressure (kPa): No data available Vapor Density (q/ml): No data available **Relative Density:** 0.815 - 0.847 Viscosity: No data available Flammablity: Autoignition Temperature (Solid) (°C): No data available Flammability (Solids): No data available Flash Point (Liquid) (°C): 19 Upper Explosive Limits (Liquid) (% by Vol.): No data available Lower Explosive Limits (Liquid) (% by Vol.): No data available Will not occur **Polymerization: 10. STABILITY AND REACTIVITY**

Reactivity: Chemical Stability: Possibility of Hazardous Reactions	No data available Stable under normal conditions of use.
Oxidizing Properties: Conditions to Avoid:	No data available Keep away from heat, spark, flames and all other sources of ignition. Prevent vapor accumulation. Vapours may form explosive mixture with air. Fine particles (such as dusts, mists and vapors) may fuel fires/explosions.
Incompatible Materials: Hazardous Decomposition Products:	As a precautionary measure, keep away from strong oxidizers Thermal decomposition products may include carbon monoxide, carbon dioxide and other toxic vapors.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects General Information:

Toxicological properties of the formulation have not been investigated. The information in this section describes the potential hazards of the individual ingredients and the formulation. Routes of exposure: inhalation , skin contact , eye contact

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

Butylated hydroxytoluene

Rat Oral LD50 1700 mg/kg Mouse Oral LD50 650 mg/kg Rat Oral LD50 890 mg/kg Mouse Intraperitoneal LD 50 138 mg/kg

Isopropyl alcohol

Rat Oral LD50 > 2000 mg/kg Mouse Oral LD50 3600 mg/kg Rat Inhalation LC50-8h 16,000 ppm Rabbit Dermal LD50 12800 mg/kg

Material Name: Selamectin topical solution- Single dose tubes Revision date: 24-Sep-2015

Page 9 of 13 Version: 5.3

11. TOXICOLOGICAL INFORMATION

Rat Inhalation LC50 30mg/L

Dipropylene glycol methyl ether

Dog Oral LD50 7500 mg/kg Rat Oral LD 50 5400 μL/kg Rabbit Dermal LD 50 10 mL/kg

Selamectin

Rat Oral LD50 > 1600 mg/kg Mouse Oral LD50 > 1600mg/kg

Acute Toxicity Comments:	A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable
	at the highest dose used in the test.
Inhalation Acute Toxicity	May be harmful if inhaled. May cause respiratory tract and mucous membrane irritation.
	Based on components, inhalation may cause irritation, headache, drowsiness, and symptoms of drunkenness.

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

Butylated hydroxytoluene

Eye Irritation Rabbit Moderate Skin Irritation Rabbit Moderate

Isopropyl alcohol

Eye Irritation Rabbit Severe Skin Irritation Rabbit Mild

Dipropylene glycol methyl ether

Skin IrritationRabbitMildEye IrritationRabbitMild

Selamectin

Eye Irritation Rabbit Mild Skin Irritation Rabbit Minimal Skin Sensitization - GPMT Guinea Pig Negative

Irritation / Sensitization Comments:May cause eye irritation.Skin Irritation / SensitizationMay cause mild skin irritation. based on components.

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

Butylated hydroxytoluene

4 Week(s) Rat Oral 5185 mg/kg LOAEL Liver 4 Day(s) Mouse Oral 2000 mg/kg LOAEL Liver, Kidney, Ureter, Bladder

Isopropyl alcohol

20 Week(s) Rat Inhalation 4000 ppm NOAEL Liver, Central nervous system 104 Week(s) Rat Inhalation 5000 ppm Kidney

Selamectin

Material Name: Selamectin topical solution- Single dose tubes Revision date: 24-Sep-2015

11. TOXICOLOGICAL INFORMATION
3 Month(s) Rat Oral 5 mg/kg/day NOAEL Liver 3 Month(s) Dog Oral 40 mg/kg/day NOAEL None identified
Reproduction & Developmental Toxicity: (Study Type, Species, Route, Dose, End Point, Effect(s))
Butylated hydroxytoluene Embryo / Fetal Development Rat Oral 6 g/kg LOEL Teratogenic,
Isopropyl alcoholPrenatal & Postnatal DevelopmentRatInhalation7,000 ppmLOAELMaternal toxicity, Fetotoxicity, Embryotoxicity2 Generation Reproductive ToxicityRatOral 1000 mg/kg/dayLOAELMaternal Toxicity, Fetal mortalityPrenatal & Postnatal DevelopmentRatOral 1200 mg/kg/dayNOAELNo effects at maximum dose,
Selamectin Reproductive & Fertility Rat 10 mg/kg/day NOAEL Fetotoxicity Prenatal & Postnatal Development Rat 10 mg/kg/day NOAEL Developmental toxicity Prenatal & Postnatal Development Rat Oral 40 mg/kg/day NOAEL Maternal Toxicity,
Genetic Toxicity: (Study Type, Cell Type/Organism, Result)
Isopropyl alcohol Bacterial Mutagenicity (Ames) Salmonella Negative Mammalian Cell Mutagenicity HGPRT Chinese Hamster Ovary (CHO) cells Negative In Vitro Sister Chromatid Exchange Negative
SelamectinBacterial Mutagenicity (Ames)SalmonellaNegativeIn Vitro CytogeneticsHuman LymphocytesNegativeIn Vivo MicronucleusMouseNegativeMammalian Cell MutagenicityChinese Hamster Ovary (CHO) cells HGPRTNegative
Carcinogen Status: None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA See below See below
Butylated hydroxytoluene IARC: Group 3 (Not Classifiable)
Isopropyl alcohol IARC: Group 3 (Not Classifiable)

Material Name: Selamectin topical solution- Single dose tubes Revision date: 24-Sep-2015 Page 11 of 13 Version: 5.3

	12. ECOLOGICAL INFORMATION
Environmental Overview:	Environmental properties of the formulation have not been investigated. This mixture contains material that is toxic to aquatic life. Bioaccumulation and/or long term effects are not expected. Releases to the environment should be avoided.
Toxicity:	
Aquatic Toxicity: (Species, Method, E	Ind Point, Duration, Result)
Selamectin Daphnia magna (Water Flea) OECD Mysidopsis bahia (Mysid Shrimp) LC3 Cyprinodon variegatus (Sheepshead Mi Selenastrum capricornutum (Green Alga Oncorhynchus mykiss (Rainbow Trout) Aquatic Toxicity Comments:	50 96 Hours 28 ng/L nnow) LC50 48 Hours > 28 ug/L a) OECD EC50 72 Hours >763 ug/L
Persistence and Degradability:	No data available
Bio-accumulative Potential:	No data available
Selamectin Measured Log P 3.1	
Mobility in Soil:	No data available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:Should not be released into the environment. 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 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.

14. TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

This material is regulated for transportation as a hazardous material/dangerous good.

UN number:	
UN proper shipping name:	
Transport hazard class(es):	
Packing group:	
Environmental Hazard(s):	
Flash Point (°C):	

UN 1219 Isopropanol Solution 3 II Marine Pollutant (Selamectin) 19

Material Name: Selamectin topical solution- Single dose tubes Revision date: 24-Sep-2015

Page 12 of 13 Version: 5.3

See "excepted quantity" provisions if applicable. Marine pollutant requirements apply only to quantities >5 Liters for liquids / >5 Kilograms for solids (per inner package) when shipped as per IMDG or ADR (effective year 2015 or greater) regulations. Please refer to the applicable dangerous goods regulations for additional information. Transport according to the requirements of the appropriate regulatory body.

Flash Point (°C): 19

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Canada - WHMIS: Classifications

WHMIS hazard class: Class B, Division 2

Class D, Division 2, Subdivision A

Class D, Division 2, Subdivision B

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.



Isopropyl alcohol	
CERCLA/SARA 313 Emission reporting	1.0 %
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	200-661-7
Selamectin	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
EU EINECS/ELINCS List	Not Listed
Dipropylene glycol methyl ether	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	252-104-2
Butylated hydroxytoluene	
CERCLA/SARA 313 Emission reporting	Not Listed

Material Name: Selamectin topical solution- Single dose tubes Revision date: 24-Sep-2015

Page 13 of 13 Version: 5.3

15. REGULATORY INFORMATION

California Proposition 65 Inventory - United States TSCA - Sect. 8(b) Australia (AICS): EU EINECS/ELINCS List Not Listed Present Present 204-881-4

16. OTHER INFORMATION

Text of CLP/GHS Classification abbreviations mentioned in Section 3

Flammable liquids-Cat.2; H225 - Highly flammable liquid and vapor Serious eye damage/eye irritation-Cat.2A; H319 - Causes serious eye irritation Specific target organ toxicity, single exposure; Narcotic effects-Cat.3; H336 - May cause drowsiness and dizziness Reproductive toxicity-Cat.2; H361 - Suspected of damaging fertility or the unborn child Hazardous to the aquatic environment, acute toxicity-Cat.1; H400 - Very toxic to aquatic life Hazardous to the aquatic environment, chronic toxicity-Cat.1; H410 - Very toxic to aquatic life with long lasting effects

Data Sources:	The data contained in this SDS may have been gathered from confidential internal sources, raw material suppliers, or from the published literature.
Reasons for Revision:	Updated Section 3 - Composition / Information on Ingredients. Updated Section 14 - Transport Information. Updated Section 16 - Other Information.
Description of the second s	Tovicelen, and Userand Communication

 Prepared by:
 Toxicology and Hazard Communication

 Zoetis Global Risk Management
 Zoetis Global Risk Management

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.

End of Safety Data Sheet