This SDS packet was issued with item:

078929634

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 078929635 078929636 078929638 078929639 078929640 078929641 078929642 078929643 078929644 078929646



Revision date: 24-Sep-2015 Version: 5.3 Page 1 of 13

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

Product Identifier

Material Name: Selamectin topical solution- Single dose tubes

REVOLUTION; STRONGHOLD; PARADYNE **Trade Name:**

Selamectin formulation Synonyms:

Chemical Family: Mixture

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

Intended Use: Veterinary product used as Antiparasitic (veterinary); endectocide

Restrictions on Use: Not for human use

Details of the Supplier of the Safety Data Sheet

Zoetis Belgium S.A. Zoetis Inc. 100 Campus Drive, P.O. Box 651 Mercuriusstraat 20 Florham Park, New Jersey 07932 (USA) 1930 Zaventem Rocky Mountain Poison and Drug Center Phone: 1-866-531-8896 **Belgium**

Product Support/Technical Services Phone: 1-800-366-5288

Emergency telephone number: **Emergency telephone number:**

CHEMTREC (24 hours): 1-800-424-9300 International CHEMTREC (24 hours): +1-703-527-3887

Contact E-Mail: VMIPSrecords@zoetis.com

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

Version: 5.3 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

Page 2 of 13

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:

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. **Australian Hazard Classification**

(NOHSC):

Note:

This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless 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

Ingredient	CAS Number	EU EINECS/ELINCS	GHS Classification	%
		List		

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015

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

Page 3 of 13

Version: 5.3

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 Effects, Both Acute and Delayed

Symptoms and Effects of For information on potential signs and symptoms of exposure, See Section 2 - Hazards

Identification and/or Section 11 - Toxicological Information. Exposure:

Medical Conditions None known

Aggravated by Exposure:

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 Formation of toxic gases is possible during heating or fire.

Products:

Highly flammable. Vapors will form flammable or explosive mixtures with air at room Fire / Explosion Hazards:

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

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 Version: 5.3

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.

Page 4 of 13

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 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.

Storage Temperature: Store at or below 30°C (86°F).

Specific end use(s): 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) 200 ppm 400 ppm **ACGIH Threshold Limit Value (STEL) ACGIH - Biological Exposure Limit:** 40 mg/L 500 ppm **Australia STEL** 1230 ma/m³

Page 5 of 13

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 Version: 5.3

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

0. EXI OSURE CONTROLS	TI ERSONAL I ROTECTION
Australia TWA	400 ppm
Associate OFL MAKE	983 mg/m ³
Austria OEL - MAKs	200 ppm 500 mg/m ³
Belgium OEL - TWA	200 ppm
Beigiuiii OEL - I WA	500 mg/m ³
Bulgaria OEL - TWA	980.0 mg/m³
Czech Republic OEL - TWA	500 mg/m³
Denmark OEL - TWA	200 ppm
Definition OLL - TWA	490 mg/m ³
Estonia OEL - TWA	150 ppm
	350 mg/m ³
Finland OEL - TWA	200 ppm
	500 mg/m ³
Germany - TRGS 900 - TWAs	200 ppm
·	500 mg/m ³
Germany (DFG) - MAK	200 ppm
	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/m³
Latvia OEL - TWA	350 mg/m ³
Lithuania OEL - TWA	150 ppm
OSHA Final DELS TWAs:	350 mg/m ³ 400 ppm
OSHA - Final PELS - TWAs:	980 mg/m ³
Poland OEL - TWA	900 mg/m ³
Portugal OEL - TWA	200 ppm
Romania OEL - TWA	81 ppm
Romania OLE - TWA	200 mg/m ³
Romania - Biological Exposure Limit:	50 mg/L
Slovakia OEL - TWA	200 ppm
••••••	500 mg/m ³
Slovenia OEL - TWA	200 ppm
	500 mg/m ³
Spain OEL - TWA	200 ppm
	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
LUCIIS UEL I WA 0-III	200 μg/m³
Dipropylene glycol methyl ether	
ACGIH Threshold Limit Value (TWA)	100 ppm
ACGIH Threshold Limit Value (TWA) ACGIH Threshold Limit Value (STEL)	150 ppm
A CONTINUOUS CANAL FUNDO (OTEL)	FF

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Page 6 of 13

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 Version: 5.3

8. EXPOSURE CONTROL	S / PERSONAL PROTECTION
ACGIH - Skin Absorption Designation	Skin - potential significant contribution to overall exposure by the
Australia TWA	cutaneous route 50 ppm
Australia TWA	308 mg/m ³
Austria OEL - MAKs	50 ppm
B. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	307 mg/m ³
Belgium OEL - TWA	50 ppm 308 mg/m ³
Bulgaria OEL - TWA	308.0 mg/m ³
•	50 ppm -
Cyprus OEL - TWA	50 ppm
Czech Republic OEL - TWA	308 mg/m ³ 270 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
O(DEO) MAK	310 mg/m ³
Germany (DFG) - MAK	50 ppm 310 mg/m ³ mixture of isomers
Greece OEL - TWA	100 ppm
	600 mg/m ³
Hungary OEL - TWA	308 mg/m ³
Ireland OEL - TWAs	50 ppm 308 mg/m ³
Italy OEL - TWA	50 ppm
, 	308 mg/m ³
Latvia OEL - TWA	50 ppm
Lithwayia OFL TWA	308 mg/m ³
Lithuania OEL - TWA	50 ppm 300 mg/m ³
Malta OEL - TWA	50 ppm
	308 mg/m ³
Netherlands OEL - TWA	300 mg/m ³
OSHA - Final PELS - TWAs:	100 ppm 600 mg/m³
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
GIOVEINA CEL - I WA	308 mg/m ³
	•

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Material Name: Selamectin topical solution- Single dose tubes

Page 7 of 13

Revision date: 24-Sep-2015

Version: 5.3

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Spain OEL - TWA 50 ppm

308 mg/m³

Sweden OEL - TWAs 50 ppm 300 mg/m³

Switzerland OEL -TWAs 50 ppm

300 mg/m³

Butylated hydroxytoluene

ACGIH Threshold Limit Value (TWA) 2 mg/m^3 **Australia TWA** 10 mg/m³ **Austria OEL - MAKs** 10 mg/m³ 2 mg/m³ **Belgium OEL - TWA** 10.0 mg/m³ **Bulgaria OEL - TWA** 10 mg/m³ **Denmark OEL - TWA Finland OEL - TWA** 10 mg/m³ 10 mg/m³ France OEL - TWA 10 mg/m³ Germany - TRGS 900 - TWAs 10 mg/m³ Germany (DFG) - MAK 10 mg/m³ **Greece OEL - TWA** Ireland OEL - TWAs 10 mg/m³ 2 mg/m^3 Portugal OEL - TWA Slovenia OEL - TWA 10 mg/m³ Spain OEL - TWA 10 mg/m³ **Switzerland OEL -TWAs** 10 mg/m³

Exposure Controls

Engineering Controls: Engineering controls should be used as the primary means to control exposures. Keep

airborne contamination levels below the exposure limits listed above in this section.

Personal Protective Refer to applicable national standards and regulations in the selection and use of personal

Equipment: protective equipment (PPE).

Hands: Impervious gloves are recommended if skin contact with drug product is possible and for bulk

processing operations.

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 exceeded, wear an appropriate

respirator with a protection factor sufficient to control exposures to below the OEL.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:SolutionColor:Yellow to colorlessOdor:Characteristic alcohol odorOdor Threshold:No data available.

Molecular Formula: Mixture Molecular Weight: Mixture

Solvent Solubility:
Water Solubility:
Solubility:
PH:
No data available
Miscible: Water
No data available.
No data available.
No data available.
No data available

Boiling Point (°C): 84

00108A

Partition Coefficient: (Method, pH, Endpoint, Value)

Page 8 of 13

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 Version: 5.3

9. PHYSICAL AND CHEMICAL PROPERTIES

Selamectin

Measured Log P

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 Polymerization: Will not occur

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical Stability: Stable under normal conditions of use.

Possibility of Hazardous Reactions

Oxidizing Properties: No data available

Conditions to Avoid: 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: As a precautionary measure, keep away from strong oxidizers

Hazardous Decomposition

Products:

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 LD50 650 mg/kg Mouse Oral 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 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 ToxicityMay be harmful if inhaled. May cause respiratory tract and mucous membrane irritation.

Based on components, inhalation may cause irritation, headache, drowsiness, and symptoms

Page 9 of 13

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 Irritation Rabbit Mild Eye Irritation Rabbit Mild

Selamectin

Eye Irritation Rabbit Mild Skin Irritation Rabbit Minimal

Skin Sensitization - GPMT Guinea Pig Negative

Irritation / Sensitization Comments: May cause eye irritation.

Skin Irritation / Sensitization May 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

00108A

Page 10 of 13

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 Version: 5.3

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 alcohol

Prenatal & Postnatal Development Inhalation 7,000 ppm LOAEL Maternal toxicity, Fetotoxicity, Embryotoxicity Rat 2 Generation Reproductive Toxicity Rat Oral 1000 mg/kg/day LOAEL Maternal Toxicity, Fetal mortality Prenatal & Postnatal Development Rat Oral 1200 mg/kg/day NOAEL No 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

Selamectin

Bacterial Mutagenicity (Ames) Salmonella Negative In Vitro Cytogenetics Human Lymphocytes Negative

In Vivo Micronucleus Mouse Negative

Mammalian Cell Mutagenicity Chinese Hamster Ovary (CHO) cells HGPRT Negative

Carcinogen Status: None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.

See below

Butylated hydroxytoluene

IARC: Group 3 (Not Classifiable)

Isopropyl alcohol

IARC: Group 3 (Not Classifiable)

00108A

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 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.

Page 11 of 13

Releases to the environment should be avoided.

Toxicity:

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

Selamectin

Daphnia magna (Water Flea) OECD EC50 48 Hours 26 ng/L

Mysidopsis bahia (Mysid Shrimp) LC50 96 Hours 28 ng/L

Cyprinodon variegatus (Sheepshead Minnow) LC50 48 Hours > 28 ug/L
Selenastrum capricornutum (Green Alga) OECD EC50 72 Hours >763 ug/L
Oncorhynchus mykiss (Rainbow Trout) OECD LC50 96 Hours 266 ug/L

Aquatic Toxicity Comments: A greater than (>) symbol indicates that acute ecotoxicity was not observed at the maximum

solubility. Since the substance is insoluble in aqueous solutions above this concentration, an

acute ecotoxicity value (i.e. LC/EC50) is not achievable.

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 1219

UN proper shipping name: Isopropanol Solution

Transport hazard class(es): 3
Packing group: ||

Environmental Hazard(s): Marine Pollutant (Selamectin)

Flash Point (°C):

Page 12 of 13

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 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):

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

California Proposition 65

Inventory - United States TSCA - Sect. 8(b)

Australia (AICS):

Present

EU EINECS/ELINCS List

1.0 %

Not Listed

Present

200-661-7

Selamectin

CERCLA/SARA 313 Emission reporting

California Proposition 65

EU EINECS/ELINCS List

Not Listed

Not Listed

Dipropylene glycol methyl ether

CERCLA/SARA 313 Emission reporting

California Proposition 65

Inventory - United States TSCA - Sect. 8(b)

Australia (AICS):

Present

EU EINECS/ELINCS List

Not Listed

Not

Butylated hydroxytoluene

CERCLA/SARA 313 Emission reporting Not Listed

Page 13 of 13

Material Name: Selamectin topical solution- Single dose tubes

Revision date: 24-Sep-2015 Version: 5.3

15. REGULATORY INFORMATION

California Proposition 65
Inventory - United States TSCA - Sect. 8(b)
Australia (AICS):
Present
EU EINECS/ELINCS List
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.

Prepared by: Toxicology and Hazard Communication

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

00108A