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

Product Identifier

Material Name: Triamulox Water Soluble

Trade Name: Triamulox
Chemical Family: Mixture

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

Intended Use: Veterinary antibiotic agent
Restrictions on Use: Not for human use

Details of the Supplier of the Safety Data Sheet

Zoetis Inc.
100 Campus Drive, P.O. Box 651
Florham Park, New Jersey 07932 (USA)
Rocky Mountain Poison Control Center Phone: 1-866-531-8896
Product Support/Technical Services Phone: 1-800-366-5288

Zoetis Belgium S.A.
Mercuriusstraat 20
1930 Zaventem
Belgium

Emergency telephone number:
CHEMTREC (24 hours): 1-800-424-9300
Contact E-Mail: VMIPSrecords@zoetis.com

2. HAZARDS IDENTIFICATION

Appearance: Liquid

Classification of the Substance or Mixture

GHS - Classification

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

EU Classification:

EU Indication of danger: Irritant
Dangerous for the Environment

EU Symbol: Xi N

EU Risk Phrases:
R10 - Flammable.
R36 - Irritating to eyes.
R67 - Vapors may cause drowsiness and dizziness.
R51/53 - Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Label Elements
2. HAZARDS IDENTIFICATION

Signal Word: Warning

Hazard Statements:
- H226 - Flammable liquid and vapor
- H319 - Causes serious eye irritation
- H315 - Causes skin irritation
- H336 - May cause drowsiness and dizziness
- H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements:
- 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
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P271 - Use only outdoors or in a well-ventilated area
- P264 - Wash hands thoroughly after handling
- P273 - Avoid release to the environment
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- P332 + P313 - If skin irritation occurs: Get medical advice/attention
- P363 - Wash contaminated clothing before reuse
- 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
- P312 - Call a POISON CENTRE/doctor/physician if you feel unwell
- P391 - Collect spillage
- 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:
- May cause eye irritation. Signs and symptoms might include redness, swelling, blurred vision or pain.
- May cause skin irritation. Signs and symptoms might include skin rash, itching, redness or swelling.
- May be harmful if inhaled. May cause respiratory tract irritation. Inhalation of the vapors may cause irritation of the upper respiratory passages, possibly with coughing and discomfort; temporary nervous system depression with anesthetic effects such as dizziness, headache, confusion, incoordination, and loss of consciousness; abnormal liver function as detected by laboratory test; or nonspecific discomfort, such as nausea, headache, or weakness.

Australian Hazard Classification (NOHSC):
Note: This document has been prepared in accordance with standards for workplace safety, which requires the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warning 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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>EU EINECS/ELINCS List</th>
<th>EU Classification</th>
<th>GHS Classification</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl acetate</td>
<td>141-78-6</td>
<td>205-500-4</td>
<td>F; R11</td>
<td>STOT SE 3 (H336)</td>
<td>&lt;20</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Xi; R36</td>
<td>Flam. Liq. 2 (H225)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R66</td>
<td>Eye Irrit. 2 (H319)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R67</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>F; R11</td>
<td>Flam. Liq. 2 (H225)</td>
<td>&lt;20</td>
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<tr>
<td>Tiamulin Fumarate</td>
<td>55297-96-6</td>
<td>259-581-6</td>
<td>Xn; R22</td>
<td>Acute Tox. 4 (H302)</td>
<td>12.3</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Xi; R36/38</td>
<td>Eye Irrit. 2A (H319)</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N; R50/53</td>
<td>Skin Irrit. 2 (H315)</td>
<td></td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td>STOT SE 3 (H335)</td>
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<td></td>
<td></td>
<td></td>
<td>Aq. Acute 1 (H400)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aq. Chronic 1 (H410)</td>
<td></td>
</tr>
<tr>
<td>Sodium phosphate, dibasic</td>
<td>7558-79-4</td>
<td>231-448-7</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

#### Additional Information:

* Proprietary

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 R phrases and 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**
5. FIRE-FIGHTING MEASURES

Extinguishing Media: Extinguish fires with CO2, extinguishing powder, foam, or water.

Special Hazards Arising from the Substance or Mixture
Hazardous Combustion Products:
Formation of toxic gases is possible during heating or fire.

Fire / Explosion Hazards: Flammable liquid. May generate flammable vapors.

Advice for Fire-Fighters
During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus. Use water spray to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Ensure adequate ventilation. Ground and bond containers when transferring material. Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

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. Provide adequate ventilation. Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding procedures. Absorb spills with non-combustible absorbent material and transfer into a labeled container for disposal. Clean spill area thoroughly.

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. Use water spray to disperse vapors and dilute spill to a nonflammable mixture.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Flammable liquid and vapor- keep away from ignition sources and clean up spills promptly. Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding and bonding procedures. Avoid contact with eyes, skin, and clothing. Use appropriate personal protective equipment. Wash thoroughly after handling. Take precautionary measures against static discharges. Use with adequate ventilation. Avoid breathing vapor or mist. Prevent environmental releases. 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: Keep away from direct sunlight. Keep containers tightly closed in a cool, well-ventilated place.

Incompatible Materials: Combustible material, Heat and oxidizers
Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015
Page 5 of 12
Version: 1.0

Specific end use(s): Antibiotic agent for use in cattle and swine

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Ethyl acetate

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Control Parameter</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH TWA</td>
<td></td>
<td>400 ppm</td>
</tr>
<tr>
<td>Australia STEL</td>
<td></td>
<td>400 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1440 mg/m³</td>
</tr>
<tr>
<td>Australia TWA</td>
<td></td>
<td>200 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>720 mg/m³</td>
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<tr>
<td>Austria OEL-MAKs</td>
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<td>300 ppm</td>
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<td>1050 mg/m³</td>
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<td>Belgium OEL-TWA</td>
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<td></td>
<td></td>
<td>1461 mg/m³</td>
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<td>Bulgaria OEL-TWA</td>
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<td>800.0 mg/m³</td>
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<td>Czech Republic OEL-TWA</td>
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<td>Denmark OEL-TWA</td>
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<td>150 ppm</td>
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<td></td>
<td></td>
<td>540 mg/m³</td>
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<td>Estonia OEL-TWA</td>
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<td>150 ppm</td>
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<td></td>
<td></td>
<td>500 mg/m³</td>
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<tr>
<td>Finland OEL-TWA</td>
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<td>300 ppm</td>
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<td></td>
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<td>France OEL-TWA</td>
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<td>1400 mg/m³</td>
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<td>Germany - TRGS 900-TWAs</td>
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<td>Poland OEL-TWA</td>
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<td>Slovenia OEL-TWA</td>
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<td>1400 mg/m³</td>
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<tr>
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<td>400 ppm</td>
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<td></td>
<td></td>
<td>1460 mg/m³</td>
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<tr>
<td>Sweden OEL-TWAs</td>
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<td>150 ppm</td>
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<tr>
<td></td>
<td></td>
<td>500 mg/m³</td>
</tr>
<tr>
<td>Switzerland OEL-TWAs</td>
<td></td>
<td>400 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1400 mg/m³</td>
</tr>
</tbody>
</table>
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ethanol

ACGIH Threshold Limit Value (STEL) 1000 ppm
Australia TWA 1000 ppm 1880 mg/m³
Austria OEL - MAKs 1000 ppm 1900 mg/m³
Belgium OEL - TWA 1000 ppm 1907 mg/m³
Bulgaria OEL - TWA 1000.0 mg/m³
Czech Republic OEL - TWA 1000 mg/m³
Denmark OEL - TWA 1000 ppm 1900 mg/m³
Estonia OEL - TWA 500 ppm 1000 mg/m³
Finland OEL - TWA 1000 ppm 1900 mg/m³
France OEL - TWA 1000 ppm 1900 mg/m³
Germany - TRGS 900 - TWAs 500 ppm 960 mg/m³
Germany (DFG) - MAK 500 ppm 960 mg/m³
Greece OEL - TWA 1000 ppm 1900 mg/m³
Hungary OEL - TWA 1900 mg/m³
Latvia OEL - TWA 1000 mg/m³
Lithuania OEL - TWA 500 ppm 1000 mg/m³
Netherlands OEL - TWA 260 mg/m³
Vietnam OEL - TWAs 1000 mg/m³
OSHA - Final PELS - TWAs: 1000 ppm 1900 mg/m³
Poland OEL - TWA 1900 mg/m³
Portugal OEL - TWA 1000 ppm
Romania OEL - TWA 1000 ppm 1900 mg/m³
Slovakia OEL - TWA 500 ppm 960 mg/m³
Slovenia OEL - TWA 1000 ppm 1900 mg/m³
Spain OEL - TWA 1000 ppm 1910 mg/m³
Sweden OEL - TWAs 500 ppm 1000 mg/m³
Switzerland OEL -TWAs 500 ppm 960 mg/m³

Exposure Controls

Engineering Controls: Engineering controls should be used as the primary means to control exposures. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Personal Protective Equipment: Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hands: Wear impervious gloves as minimum protection.
Eyes: Wear safety glasses as minimum protection.
Skin: Impervious protective clothing is recommended if skin contact with drug product is possible and for bulk processing operations.
Respiratory protection: Whenever air contamination (mist, vapor or odor) is generated, respiratory protection is recommended as a precaution to minimize exposure. 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
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<tr>
<td>Odor</td>
<td>No data available</td>
</tr>
<tr>
<td>Molecular Formula</td>
<td>Mixture</td>
</tr>
<tr>
<td>Solvent Solubility</td>
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<tr>
<td>Water Solubility</td>
<td>No data available</td>
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<tr>
<td>pH</td>
<td>No data available</td>
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<tr>
<td>Melting/Freezing Point (°C)</td>
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<tr>
<td>Boiling Point (°C)</td>
<td>No data available</td>
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<tr>
<td>Partition Coefficient: (Method, pH, Endpoint, Value)</td>
<td>Tiamulin Fumarate Measured 4.75 (Tiamulin) Log P Decomposition Temperature (°C): No data available</td>
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<tr>
<td>Evaporation Rate (Gram/s)</td>
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<td>Vapor Pressure (kPa)</td>
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<td>Vapor Density (g/ml)</td>
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<tr>
<td>Relative Density</td>
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<td>Viscosity</td>
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<td>Flammability</td>
<td>Autoignition Temperature (Solid) (°C): No data available</td>
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<td>Flammability (Solids): No data available</td>
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<td>Flash Point (Liquid) (°C): 44.4°C/112F</td>
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<td>Upper Explosive Limits (Liquid) (% by Vol.): No data available</td>
</tr>
<tr>
<td></td>
<td>Lower Explosive Limits (Liquid) (% by Vol.): No data available</td>
</tr>
</tbody>
</table>

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: Exposure to sunlight. Keep away from heat, spark, flames and all other sources of ignition. Fine particles (such as dusts, mists and vapors) may fuel fires/explosions.
Incompatible Materials: Combustible material, Heat and 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: eye contact, skin contact, inhalation

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

**Tiamulin Fumarate**
- Rat Oral LD50 2230 mg/kg
- Mouse Oral LD50 814 mg/kg

**Ethanol**
- Mouse Oral LD50 3,450 g/m³
- Rat Oral LD50 7,060mg/kg
- Mouse Inhalation LC50 4h 39g/m³
- Rat Inhalation LC50 10h 20,000ppm

**Ethyl acetate**
- Rat Oral LD50 5620 mg/kg
- Rat Inhalation LC50 200g/m³
- Rat Inhalation LC50/4h 4000ppm
- Rabbit Dermal LD50 > 20ml/kg

Inhalation Acute Toxicity: High vapor concentrations may cause drowsiness and irritation.

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

**Tiamulin Fumarate**
- Eye Irritation Irritant
- Skin Irritation Irritant

**Ethanol**
- Eye Irritation Rabbit Severe

**Ethyl acetate**
- Skin Irritation Rabbit Non-irritating

Irritation / Sensitization Comments:
- May cause eye irritation.
- May cause skin irritation.

Reproduction & Developmental Toxicity: (Study Type, Species, Route, Dose, End Point, Effect(s))

**Tiamulin Fumarate**
- Rabbit No route specified 30 mg/kg/day NOEL Fetotoxicity, Maternal toxicity
- Rat No route specified 100 mg/kg/day NOEL Fetotoxicity, Maternal Toxicity

Carcinogen Status: Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage. None of the other components of this mixture are listed as a carcinogen by IARC, NTP or OSHA.
11. TOXICOLOGICAL INFORMATION

Ethanol

IARC: Group 1 (Carcinogenic to Humans)

Product Level Toxicity Data

Acute Toxicity Estimate (ATE), oral

>5000 mg/kg

12. ECOLOGICAL INFORMATION

Environmental Overview: Environmental properties of the formulation have not been investigated. The following information is available for the individual ingredients. Releases to the environment should be avoided.

Toxicity:

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

**Tiamulin Fumarate**
- Fish LC50 96 Hours 5.2 mg/L
- *Daphnia magna* (Water Flea) EC50 48 Hours 40-67 mg/L
- Algae IC50 96 Hours 0.62 mg/L

**Ethanol**
- Fingerling Trout NPDES LC50 24 Hours 11,200 mg/L
- *Oncorhynchus mykiss* (Rainbow Trout) NPDES LC50 96 Hours 12,900 mg/L
- *Pimephales promelas* (Fathead Minnow) NPDES LC50 96 Hours 14,200 mg/L

Persistence and Degradability: No data available

Bio-accumulative Potential:

**Tiamulin Fumarate**
- Measured 4.75 (Tiamulin) Log P

Mobility in Soil: No data available

ZT00524
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Waste of this product may qualify as a RCRA Hazardous Waste. Status should be confirmed by testing for RCRA hazardous characteristics (i.e. corrosivity, toxicity, reactivity, or ignitability). 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.

Ethyl acetate
RCRA - U Series Wastes Listed

14. TRANSPORT INFORMATION

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

This material is regulated for transport under DOT, ADR, IMDG, and IATA regulations.

UN number: UN 1993
UN proper shipping name: Flammable Liquid, n.o.s. (Ethanol, Ethyl Acetate)
Transport hazard class(es): 3
Packing group: III
Environmental Hazard(s): Marine Pollutant

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.

U.S. DOT Reportable Quantity (RQ), 49 CFR 172.101 Appendix A:

Ethyl acetate
CERCLA/SARA Hazardous Substances and their Reportable Quantities: 5000 lb
and 2270 kg

Sodium phosphate, dibasic
CERCLA/SARA Hazardous Substances and their Reportable Quantities: 5000 lb
and 2270 kg

15. REGULATORY INFORMATION

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

Canada - WHMIS: Classifications
15. REGULATORY INFORMATION

WHMIS hazard class:
Class D, Division 2, Subdivision B
Class B, Division 3
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.

Ethyl acetate
- CERCLA/SARA 313 Emission reporting: Not Listed
- CERCLA/SARA Hazardous Substances and their Reportable Quantities:
  - California Proposition 65: Not Listed
  - Inventory - United States TSCA - Sect. 8(b): Present
  - Australia (AICS): Present
  - EU EINECS/ELINCS List: 205-500-4

Ethanol
- CERCLA/SARA 313 Emission reporting: Not Listed
- California Proposition 65: Carcinogen initial date 4/29/11 in alcoholic beverages, developmental toxicity initial date 10/1/87 in alcoholic beverages
- Inventory - United States TSCA - Sect. 8(b): Present
- Australia (AICS): Present
- EU EINECS/ELINCS List: 200-578-6

Tiamulin Fumarate
- CERCLA/SARA 313 Emission reporting: Not Listed
- California Proposition 65: Not Listed

Sodium phosphate, dibasic
- CERCLA/SARA 313 Emission reporting: Not Listed
- CERCLA/SARA Hazardous Substances and their Reportable Quantities:
  - California Proposition 65: Not Listed
  - Inventory - United States TSCA - Sect. 8(b): Present
  - Australia (AICS): Present
  - EU EINECS/ELINCS List: 231-448-7

Water
- CERCLA/SARA 313 Emission reporting: Not Listed
- California Proposition 65: Not Listed
- Inventory - United States TSCA - Sect. 8(b): Present
- Australia (AICS): Present
- REACH - Annex IV - Exemptions from the obligations of Register: Present
- EU EINECS/ELINCS List: 231-791-2
16. OTHER INFORMATION

Text of R phrases and GHS Classification abbreviations mentioned in Section 3

Acute toxicity, oral-Cat.4; H302 - Harmful if swallowed
Specific target organ toxicity, single exposure; Narcotic effects-Cat.3; H336 - May cause drowsiness and dizziness
Specific target organ toxicity, single exposure; Respiratory tract irritation-Cat.3; H335 - May cause respiratory irritation
Flammable liquids-Cat.3; H225 - Highly flammable liquid and vapor
Serious eye damage/eye irritation-Cat.2A; H319 - Causes serious eye irritation
Skin corrosion/irritation-Cat.2; H315 - Causes skin irritation
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

F - Highly flammable
Xi - Irritant
Toxic to Reproduction: Category 3
N - Dangerous for the environment

R11 - Highly flammable.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapors may cause drowsiness and dizziness.
R22 - Harmful if swallowed.
R36 - Irritating to eyes.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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:
New data sheet.

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Zoetis Global Risk Management

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End of Safety Data Sheet