

SAFETY DATA SHEET



Revision date: 17-Feb-2015

Version: 1.0

Page 1 of 12

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

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

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

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 2 of 12
Version: 1.0

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
P370 + P378 - In case of fire: Use CO₂, dry chemical (powder), alcohol foam, or water spray for extinction
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):

Hazardous Substance. Dangerous Goods.

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 3 of 12
Version: 1.0

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

Ingredient	CAS Number	EU EINECS/ELINCS List	EU Classification	GHS Classification	%
Ethyl acetate	141-78-6	205-500-4	F; R11 Xi; R36 R66 R67	STOT SE 3 (H336) Flam. Liq. 2 (H225) Eye Irrit. 2 (H319)	<20
Ethanol	64-17-5	200-578-6	F; R11	Flam. Liq. 2 (H225)	<20
Tiamulin Fumarate	55297-96-6	259-581-6	Xn; R22 Xi; R36/37/38 N; R50/53	Acute Tox. 4 (H302) Eye Irrit. 2A (H319) Skin Irrit. 2 (H315) STOT SE 3 (H335) Aq. Acute 1 (H400) Aq. Chronic 1 (H410)	12.3
Sodium phosphate, dibasic	7558-79-4	231-448-7	Not Listed	Not Listed	<5

Ingredient	CAS Number	EU EINECS/ELINCS List	EU Classification	GHS Classification	%
Water	7732-18-5	231-791-2	Not Listed	Not Listed	*

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

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 4 of 12
Version: 1.0

Symptoms and Effects of Exposure: For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification and/or Section 11 - Toxicological Information.
Medical Conditions Aggravated by Exposure: None known

Indication of the Immediate Medical Attention and Special Treatment Needed
Notes to Physician: None

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. Keep away from heat, sparks, flame, and other sources of ignition.
Incompatible Materials: Combustible material, Heat and oxidizers

SAFETY DATA SHEET

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

ACGIH Threshold Limit Value (TWA)	400 ppm
Australia STEL	400 ppm 1440 mg/m ³
Australia TWA	200 ppm 720 mg/m ³
Austria OEL - MAKs	300 ppm 1050 mg/m ³
Belgium OEL - TWA	400 ppm 1461 mg/m ³
Bulgaria OEL - TWA	800.0 mg/m ³
Czech Republic OEL - TWA	700 mg/m ³
Denmark OEL - TWA	150 ppm 540 mg/m ³
Estonia OEL - TWA	150 ppm 500 mg/m ³
Finland OEL - TWA	300 ppm 1100 mg/m ³
France OEL - TWA	400 ppm 1400 mg/m ³
Germany - TRGS 900 - TWAs	400 ppm 1500 mg/m ³
Germany (DFG) - MAK	400 ppm 1500 mg/m ³
Greece OEL - TWA	400 ppm 1400 mg/m ³
Hungary OEL - TWA	1400 mg/m ³
Ireland OEL - TWAs	200 ppm
Latvia OEL - TWA	200 mg/m ³
Lithuania OEL - TWA	150 ppm 500 mg/m ³
OSHA - Final PELs - TWAs:	400 ppm 1400 mg/m ³
Poland OEL - TWA	200 mg/m ³
Portugal OEL - TWA	400 ppm
Romania OEL - TWA	111 ppm 400 mg/m ³
Slovakia OEL - TWA	400 ppm 1500 mg/m ³
Slovenia OEL - TWA	400 ppm 1400 mg/m ³
Spain OEL - TWA	400 ppm 1460 mg/m ³
Sweden OEL - TWAs	150 ppm 500 mg/m ³
Switzerland OEL - TWAs	400 ppm 1400 mg/m ³

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 6 of 12
Version: 1.0

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ethanol

ACGIH Threshold Limit Value (STEL)	1000 ppm
Australia TWA	1000 ppm
	1880 mg/m ³
Austria OEL - MAKs	1000 ppm
	1900 mg/m ³
Belgium OEL - TWA	1000 ppm
	1907 mg/m ³
Bulgaria OEL - TWA	1000.0 mg/m ³
Czech Republic OEL - TWA	1000 mg/m ³
Denmark OEL - TWA	1000 ppm
	1900 mg/m ³
Estonia OEL - TWA	500 ppm
	1000 mg/m ³
Finland OEL - TWA	1000 ppm
	1900 mg/m ³
France OEL - TWA	1000 ppm
	1900 mg/m ³
Germany - TRGS 900 - TWAs	500 ppm
	960 mg/m ³
Germany (DFG) - MAK	500 ppm
	960 mg/m ³
Greece OEL - TWA	1000 ppm
	1900 mg/m ³
Hungary OEL - TWA	1900 mg/m ³
Latvia OEL - TWA	1000 mg/m ³
Lithuania OEL - TWA	500 ppm
	1000 mg/m ³
Netherlands OEL - TWA	260 mg/m ³
Vietnam OEL - TWAs	1000 mg/m ³
OSHA - Final PELs - TWAs:	1000 ppm
	1900 mg/m ³
Poland OEL - TWA	1900 mg/m ³
Portugal OEL - TWA	1000 ppm
Romania OEL - TWA	1000 ppm
	1900 mg/m ³
Slovakia OEL - TWA	500 ppm
	960 mg/m ³
Slovenia OEL - TWA	1000 ppm
	1900 mg/m ³
Spain OEL - TWA	1000 ppm
	1910 mg/m ³
Sweden OEL - TWAs	500 ppm
	1000 mg/m ³
Switzerland OEL - TWAs	500 ppm
	960 mg/m ³

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).

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 7 of 12
Version: 1.0

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

Physical State:	Liquid	Color:	No data available.
Odor:	No data available.	Odor Threshold:	No data available.
Molecular Formula:	Mixture	Molecular Weight:	Mixture
Solvent Solubility:	No data available		
Water Solubility:	No data available		
pH:	No data available.		
Melting/Freezing Point (°C):	No data available		
Boiling Point (°C):	No data available.		
Partition Coefficient: (Method, pH, Endpoint, Value)			
Tiamulin Fumarate			
Measured 4.75 (Tiamulin) Log P			
Decomposition Temperature (°C):	No data available.		
Evaporation Rate (Gram/s):	No data available		
Vapor Pressure (kPa):	No data available		
Vapor Density (g/ml):	No data available		
Relative Density:	No data available		
Viscosity:	No data available		

Flammability:

Autoignition Temperature (Solid) (°C):	No data available
Flammability (Solids):	No data available
Flash Point (Liquid) (°C):	44.4C/112F
Upper Explosive Limits (Liquid) (% by Vol.):	No data available
Lower Explosive Limits (Liquid) (% by Vol.):	No data available

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.

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 8 of 12
Version: 1.0

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.

Skin Irritation / Sensitization 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.

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 9 of 12
Version: 1.0

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

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 10 of 12
Version: 1.0

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 2270 kg
--	--------------------

Sodium phosphate, dibasic

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

15. REGULATORY INFORMATION

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

Canada - WHMIS: Classifications

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
 Revision date: 17-Feb-2015

Page 11 of 12
 Version: 1.0

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:	5000 lb
California Proposition 65	2270 kg
Inventory - United States TSCA - Sect. 8(b)	Not Listed
Australia (AICS):	Present
EU EINECS/ELINCS List	Present
	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
EU EINECS/ELINCS List	259-581-6

Sodium phosphate, dibasic

CERCLA/SARA 313 Emission reporting	Not Listed
CERCLA/SARA Hazardous Substances and their Reportable Quantities:	5000 lb
California Proposition 65	2270 kg
Inventory - United States TSCA - Sect. 8(b)	Not Listed
Australia (AICS):	Present
EU EINECS/ELINCS List	Present
	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

SAFETY DATA SHEET

Material Name: Triamulox Water Soluble
Revision date: 17-Feb-2015

Page 12 of 12
Version: 1.0

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.

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