SAFETY DATA SHEETS

This SDS packet was issued with item: 078705691

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

078705683 078935631

1

MATERIAL SAFETY DATA SHEET

PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ingelvac® CircoFLEXTM Product No. : N/A MSDS ID# : N/A GHS Product Identifier: Not applicable

Synonyms: Not applicable Molecular Formula: Mixture, not applicable Molecular Weight: Not applicable CAS Number: Mixture, not applicable Chemical Family: Vaccine Manufacturer: Boehringer Ingelheim Vetmedica, Inc. 2621 North Belt Hwy St. Joseph, MO 64506-2002

Intended Use:

Vaccination of healthy, susceptible pigs 3 weeks of age or older as an aid in the reduction of lymphoid depletion, inflammation and colonization of lymphoid tissue, viremia, nasal shedding of virus associated with Porcine Circovirus Type 2 (PCV2). **Emergency Telephone:** <u>Transportation Emergency:</u> (800) 424-9300

Medical Emergency (24HR): (800)530-5432

Non-emergency Telephone: (800) 821-7467

HAZARDS IDENTIFICATION

Emergency Overview

Physical State: Liquid; Multi-dose vials: 10, 50, 100, 250, and 500 mL bottles. 1 mL per dose **Color:** Clear-yellowish **Odar:** None

Odor: None

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WARNING! For swine injection only. Not for human use.

Precautionary Statements:

Accidental human injection can cause serious local reactions or anaphylactic reaction and systemic effects. Keep only in original container.

Keep at a temperature not exceeding 7° C.

Fire-fighting: Use foam, carbon dioxide, dry powder and water fog or material appropriate for surrounding fire.

Avoid contact with eyes, skin and clothing.

Wash thoroughly with soap and water after handling.

Wear suitable gloves and eye/face protection.

Spills: Cover with absorbent or contain. Collect and dispose.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed, seek medical advice immediately and show this container or label.

This material and its container must be disposed of in a safe way.

Keep out of reach of children.

Keep away from food, drink, and animal feedstuffs.

Acute effect:

Swelling at injection site may occur.

Precautions/Contraindications:

Use entire contents when first opened. Do not vaccinate within 21 days before slaughter.

Overdosage: None known

ADVERSE REACTIONS TO PRODUCT: Anaphylactoid reactions may occur.

Potential Health Effects

Inhalation: Not expected to be an inhalation hazard with prescribed use.

Eye Contact: Not expected to be a hazard to the eye with prescribed use. Exposure to liquid may cause mild transient eye irritation.

Skin Contact: Not expected to be a hazard to the skin with prescribed use. Exposure to liquid may cause mild transient skin irritation.

Ingestion: Not expected to be an ingestion hazard with prescribed use. Ingestion may cause vomiting, nausea or other systemic effects.

Injection: Swelling at injection site may occur.

Chronic Health Effects: Possible hypersensitization (development of abnormal sensitivity).

Target Organ(s): Immune System

Potential Physical Effects: None known. This is an inactivated vaccine and there should be no danger of reversion to virulence or potential for it to combine with field strains.

OSHA Regulatory Status: Non-hazardous, exempt

Environment: No data available

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EC No.	CAS- No.	Concentration	Classification	Notes
Inactivated			proprietary		
baculo-expressed					
PCV2 ORf2					
Additives		proprietary	proprietary		

The components not listed are non-hazardous or below required disclosure limits.

4 FIRST AID MEASURES

General: Animals or persons developing anaphylactic (life-threatening) reactions, such as difficulty in breathing or unconsciousness, must receive immediate medical attention.

Inhalation: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

Eye Contact: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Call a physician or poison control center. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

Injection: In case of accidental injection, wash the site thoroughly. Contact a physician immediately.

Note to Physician: For animal injection only. Not for human use. **Antidote:** Epinephrine is indicated for anaphylactoid reactions.

5 FIRE-FIGHTING MEASURES

Extinguishing Media: Extinguish with foam, carbon dioxide, dry powder and water fog or material appropriate for surrounding fire.

Unsuitable Extinguishing Media: None known

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazards: None known

Hazardous Combustion Products: Carbon monoxide, carbon dioxide

Flammability Class: 0

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment.

Spill Cleanup Methods: Small liquid spill: Wipe up or use a non-combustible material like vermiculite, earth or sand to soak up the product and place into container for later disposal. For large liquid spill: Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Environmental Precautions: Prevent runoff from entering drains, sewers or streams. Dike for later disposal.

7 HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid accidental injection. Wash thoroughly with soap and water after handling. Use only with adequate ventilation.

Storage: Keep container closed. Store at $2^{\circ}-7^{\circ}$ C ($35^{\circ}-45^{\circ}$ F). Do not freeze. Use entire contents when first opened.

8

EXPOSURE CONTROLS / PERSONAL PROTECTION

For Industrial Exposures:

Exposure Limits:

Chemical Name	Source	Туре	Exposure Limits	Notes
Inactivated			N/A	
baculo-expressed				
PCV2 ORf2				
Additives			N/A	

Engineering Controls: Not generally required when handling vials or containers. Good ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Respiratory Protection: Not generally required when handling vials or containers. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA standard 63 FR 1152, January 8, 1998. Respirator type: NIOSH approved organic vapor respirator.

PERSONAL PROTECTIVE EQUIPMENT: Not generally required when handling containers. If containers are compromised or exposure to the active ingredient or mixture is likely wear: 9

Eye Protection: Wear safety glasses with side shields (or goggles).

Hand Protection: Wear suitable gloves.

Skin Protection: Wear protective clothing appropriate for the risk of exposure.

Hygiene Measures: Eye bath, washing facilities

PHYSICAL AND CHEMICAL PROPERTIES

Color: Clear-yellowish **Odor:** None Odor Threshold: No data available Physical State: Multi-dose vials: 10, 50, 100, 250, and 500 mL bottles. 1 mL per dose. **pH**: No data available Melting Point: No data available Freezing Point: No data available **Boiling Point:** No data available Flash Point: No data available Flammability Limit – Upper (%): No data available Flammability Limit – Lower (%): No data available **Evaporation rate:** No data available Vapor Pressure: No data available Vapor Density (Air=1): No data available Specific Gravity: No data available **Solubility:** No data available Partition Coefficient (n-Octanol/water): No data available Autoignition Temperature: Not applicable **Decomposition Temperature:** No data available

10 STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

11 TOXICOLOGICAL INFORMATION

Specified Substances

Acute Toxicity

Chemical Name	Test Results
Inactivated baculo-	None available
expressed PCV2 ORf2	

Listed Carcinogens: None

12 ECOLOGICAL INFORMATION

Ecotoxicity: No data available Persistence and degradability: No data available Mobility in soil: No data available Other adverse effects: No data available

Germany WGK: Proprietary Additive: Class: 1: slightly water-endangering

13 DISPOSAL CONSIDERATIONS

General Information: Dispose of in accordance with local, state and federal regulations.

Disposal Methods: No specific disposal method required. Do not empty into drains; dispose of this material and its container in a safe way. Do not contaminate water, food, or feed by storage disposal.

RCRA Information: Not applicable

Container: Since emptied containers retain product residue, follow label warnings even after container is emptied.

14 TRANSPORT INFORMATION

<u>DOT</u>: Not regulated

TDG: Not regulated

ADR/RID: Not regulated

IATA: Not regulated

IMDG: Not regulated

15 REGULATORY INFORMATION

Canadian Controlled Products Regulations: This product has been classified according to the hazard criteria of the Canadian Controlled Products Regulations, Section 33, and the MSDS contains all required information.

WHMIS Classification: Noncontrolled, exempt

Inventory Status

Inactivated baculo-expressed PCV2 ORf2 is not is listed on the following inventories: AICS (Australia), TSCA (United States), DSL (Canada), IECSC (China), EINECS (Europe), ENCS (Japan), KECI (Korea), ERMA (New Zealand), and PICCS (Philippines).

Proprietary additives are listed on the following inventories: AICS (Australia), IECSC (China), KECI (Korea), ERMA (New Zealand), and PICCS (Philippines). One additive is not listed on EINECS (Europe) but is listed as a common nomenclature of ingredients employed in cosmetic products (INCI) as amended by Decision 2006/257/EC (OJ (L97)1, 5 Apr 2006). One additive is not listed on TSCA, but it is classified under the TSCA polymer exemption. It is not listed on the DSL (Canada) but is regulated under the Food & Drugs Act. One additive is not listed on ENCS (Japan).

Canada CEPA Schedule 1 - None

<u>US Regulations</u> CERCLA Hazardous Substance List (40 CFR 302.4): None

SARA Title III Section 302Extremely Hazardous Substance (40 CFR 355, Appendix A): None

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): None

State Regulations

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): None Massachusetts Right-To-Know List: None Minnesota Hazardous Substances List: None New Jersey Right-To-Know List: None Pennsylvania Right-To-Know List: None Rhode Island Right-To-Know List: None

European Regulations

Austria MAK List (Annex I): None Denmark (Annex 3.6, April 2005): None Germany (Dangerous Substances Ordinance 2004, Annex III): None Norway (List of Dangerous Substance): None Sweden (Sensitizers- Annex 3): None Switzerland (Toxins List 1): None

16 OTHER INFORMATION

Hazard Ratings

	Health Hazard	Fire Hazard	Reactivity Hazard
HMIS	1	0	0

	Health Hazard	Fire Hazard	Reactivity Hazard	Special Hazard
NFPA	1	0	0	N/A

*- Chronic health effect; 0 – Minimal; 1 – Slight; 2 – Moderate; 3 – Serious; 4 – Severe

This product has been reviewed and is classified and labeled as follows in full accord with EC Directive 67/548 and all other current applicable amending Directives, including, but not limited to, 91/155/EC, 1999/45/EC, 2001/58/EC and 2001/59/EC.

Not classified as hazardous

Handle in accordance with good industrial hygiene and safety practice.

References:

- 1. Ariel WebInsight Regulatory Database. Regulatory Summary for North America, Western Europe, and Global Inventories Database.
- 2. Control of Porcine Circovirus Diseases (PCVDS) towards improved Food Quality and Safety, <u>www.pcvd.org</u>.
- 3. GHS Manual
- 4. Ingelvac®, CircoFLEXTM Product Label, Boehringer Ingelheim Vetmedica, Inc.
- 5. Launch of Joint PCVD Discussion Forum; www.thepigsite.com.
- 6. RTECS
- 7. Swine Health Fact Sheet, Circovirus Infection in Swine; October 2002.

Prepared by: Boehringer Ingelheim Vetmedica, Inc. **Issue Date:** 10/23/06 **Supercedes Date:** New MSDS

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SAFETY DATA SHEET

1. Identification

Product identifier	Ingelvac CircoFLEX®
Other means of identification	None.
Recommended use	Veterinary Vaccine
Recommended restrictions	Not for human use.
Manufacturer/Importer/Supplier/	Distributor information
Manufacturer	Boehringer Ingelheim Vetmedica, Inc.
Address	2621 North Belt Hwy
	St. Joseph, MO 64506-2002
Transportation emergency	For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night
	Within USA and Canada: 1-800-424-9300
	Outside USA and Canada: +1 703-527-3887 (collect calls accepted)
Medical Emergency (24HR):	(866)638-2226
Non-Emergency calls:	(800) 821-7467

2. Hazard(s) identification

()	
Physical hazards	Not classified.
Health hazards	Not classified.
OSHA defined hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Avoid contact with eyes, skin and clothing. Wear protective gloves/eye protection. Wash hands thoroughly after handling.
Response	Take off contaminated clothing and wash before reuse. Wash hands after handling. If skin irritation or rash occurs, seek medical attention. If on skin: Wash with plenty of water. If swallowed: Immediately call a poison center/doctor/. Get medical attention/advice if you feel unwell.
Storage	Keep at a temperature not exceeding 7° C. Store in original container. Store locked up. Do not freeze.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Chemical name		CAS number	%
Additives Inactivated baculo-expressed PCV2 ORf2 Composition comments * Supplied as 250 Doses/250 mL Contains neomycin as preservative.		Proprietary	Proprietary 1 mL*
Ingelvac CircoFLEX®			
923830 Version #: 01 Revisio	on date: - Issue date: 27-April-2015		

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Accidental human injection can cause serious local reactions or anaphylactic reaction and systemic effects.
Indication of immediate medical attention and special treatment needed	For animal injection only. Not for human use.
General information	Persons developing anaphylactic (life-threatening) reactions, such as difficulty in breathing or unconsciousness, must receive immediate medical attention. If anaphylactoid reactions occur, epinephrine may be used as an antidote.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Avoid accidental injection. Precautions for safe handling Store in the dark at 2°C to 7°C (35°F to 45°F). Avoid freezing. Shake Well. Do not freeze. Conditions for safe storage, including any incompatibilities

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Not generally required when handling vials or containers. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual protection measures	, such as personal protective equipment
Eye/face protection	Not generally required when handling containers. If containers are compromised or exposure to the mixture is likely: Wear safety glasses with side shields (or goggles).
Ingelvac CircoFLEX®	SDS US

Skin protection		
Hand protection	Not generally required when handling containers. If containers are compromised or exposure to the mixture is likely: Wear suitable gloves.	
Other	Not generally required when handling containers. If containers are compromised or exposure to the mixture is likely: Wear lab coat, apron or appropriate clothing to prevent skin contact.	
Respiratory protection	Not generally required when handling vials or containers. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Respirator type: NIOSH approved organic vapor respirator.	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.	
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.	

9. Physical and chemical properties

Physical state Liquid. Form Liquid. Color Clear yellowish. Odor None. Odor threshold Not available. pH Not available. Meting point/freezing point Not available. Initial boiling point and boiling Not available. Flash point Not available. Evaporation rate Not available. Flammability limit - lower (%) Not available. (%) Flammability limit - upper Flammability limit - upper (Not available. (%) Explosive limit - upper (%) Not available. Vapor density Not available. Vapor density Not available. Solubility (veater) Not available. Auto-gnition temperature Not available. Not available. Not available. Vapor density Not available.	Appearance	Clear yellowish liquid.
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Farmability (solid, gas) Not available. Upper/lower flammability or explosive limits Not available. ['down flammability limit - lower (v/o) Not available. Flammability limit - upper (v/o) Not available. Flammability limit - upper (v/o) Not available. Explosive limit - upper (v/o) Not available. Explosive limit - upper (v/o) Not available. Vapor pressure Not available. Vapor density Not available. Solubility(ies) Solubility (water) Solubility (water) Not available. Partition coefficient Not available. Not available. Not available. Procomposition temperature Not available. Viscosity Not available. 10. Stability and reactivity Not available. Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport. Chemical stability of hazardous Not available. Possibility of hazardous No dangerous reaction known under conditions. Possibility of hazardous No dangerous reaction known under conditions of normal use. reactions Temperatures below 2°C. <	Flash point	Not available.
Upper/lower flammability or explosive limits Flammability limit - lower Not available. (%) Flammability limit - upper Flammability limit - upper Not available. (%) Explosive limit - lower (%) Explosive limit - lower (%) Not available. Explosive limit - upper (%) Not available. Explosive limit - upper (%) Not available. Vapor pressure Not available. Vapor density Not available. Solubility(ies) Solubility (water) Solubility (water) Not available. Partition coefficient Not available. (n-octanol/water) Auto-ignition temperature Auto-ignition temperature Not available. Viscosity Not available. Viscosity Not available. Possibility and reactivity The product is stable and non-reactive under normal conditions of use, storage and transport Chemical stability Material is stable under normal conditions. Possibility of hazardous No dangerous reaction known under conditions of normal use. reactions Temperatures below 2°C. Conditions to avoid Temperatures below 2°C.	Evaporation rate	Not available.
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Possibility of hazardous No dangerous reaction known under conditions of normal use. reactions Temperatures below 2°C. Incompatible materials Strong oxidizing agents.	Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
reactions Conditions to avoid Temperatures below 2°C. Incompatible materials Strong oxidizing agents.	Chemical stability	Material is stable under normal conditions.
Incompatible materials Strong oxidizing agents.	Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
	Conditions to avoid	Temperatures below 2°C.
Ingelvac CircoFLEX® SI	Incompatible materials	Strong oxidizing agents.
	Ingelvac CircoFLEX®	SD

923830 Version #: 01 Revision date: - Issue date: 27-April-2015

11. Toxicological information

Information on likely routes of e	
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Not expected to be a significant route of exposure. Ingestion may cause vomiting, nausea or other systemic effects.
Symptoms related to the physical, chemical and toxicological characteristics	Swelling at injection site may occur.
Information on toxicological effe	ects
Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitizatior	1
Respiratory sensitization	Not available.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
OSHA Specifically Regulate Not listed.	d Substances (29 CFR 1910.1001-1050)
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.
Chronic effects	Possible hypersensitization (development of abnormal sensitivity).
Further information	This is an inactivated vaccine and there should be no danger of reversion to virulence or potential for it to combine with field strains.
12. Ecological information	I
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.
13. Disposal consideration	ns
Disposal instructions	This material and its container must be disposed of in a safe way. Burn container and all unused contents. Do not discharge into drains, water courses or onto the ground. Do not contaminate water, food, or feed by disposal.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused
productsDispose of in accordance with local regulations. Empty containers or liners may retain some
product residues. This material and its container must be disposed of in a safe manner (see:
Disposal instructions).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not available. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

US federal regulations	One or more compo	
	Therefore, it can on	
	FEDERAL LAW RE	

onents are not listed on TSCA. nly be used for TSCA exempt purposes such as R&D or veterinary use. ESTRICTS THIS DRUG TO USE BY OR ON ORDER OF LICENSED VETERINARIANS.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Hazard categories

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Immediate Hazard -	No
Delayed Hazard - No	5
Fire Hazard - No	
Pressure Hazard - N	0
Reactivity Hazard - N	٧o

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous No

chemical

SARA 313 (TRI reporting) Not regulated.

Other federal regulations

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

Not regulated.

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

Not regulated.

Safe Drinking Water Act Not regulated. (SDWA)

US state regulations

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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

Issue date	27-April-2015
Revision date	-
Version #	01
HMIS® ratings	Health: 0 Flammability: 1 Physical hazard: 0

NFPA ratings

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