

SAFETY DATA SHEET

LaserCyte Consumables Kit 98-30011-02
VetCollect Tubes 98-09459-01

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

Product name(s)	LaserCyte Consumables Kit VetCollect Tubes		
Product code(s)	98-30011-02, 98-09459-01		
Identified uses	For veterinary use only.		
Company	IDEXX Laboratories, Inc. One IDEXX Drive Westbrook, ME 04092 United States	IDEXX Laboratories Pty Ltd. Metro Centre Unit 20, 38-46 South Street Rydalmere, NSW 2116 Australia	IDEXX Europe B.V. Scorpius 60 Building F Hoofddorp 2132 LR The Netherlands
Telephone	1-800-548-6733	1-800-655-978	00800 727 43399
Fax	1-207-556-4346	1-800-634-409	00800 433 99329
24 hour Emergency Phone #	CHEMTREC 1-800-424-9300 Outside U.S. +(00)-1-703-527-3887 Australia +(61)-290372994 New Zealand +(64)-98010034 Singapore +(65)-31581349 South Africa 0-800-983-611 United Kingdom +(44)-870-8200418		

2. HAZARDS IDENTIFICATION

GHS Classification

Enzymatic wash

Skin Irritation, Category 3
Eye Irritation, Category 2
Respiratory sensitization, Category 1
Pictogram



Signal Word	Danger	
Hazard statement(s)	H316	Causes mild skin irritation.
	H319	Causes serious eye irritation.
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary statement(s)	P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
	P264	Wash hands thoroughly after handling.
	P280	Wear eye protection.
	P285	In case of inadequate ventilation wear respiratory protection.
	P332+P313	If skin irritation occurs: Get medical advice/attention.
	P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P342+P311	If experiencing respiratory symptoms: CALL a POISON CENTER or doctor/physician.
	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.

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CBC5R, Sheath Reagent, VetCollect Tubes
Not a hazardous substance according to GHS.

Classification according to Regulation (EC) No1272/2008

Enzymatic wash
Eye Irritation, Category 2
Respiratory sensitization, Category 1

Pictogram



Signal Word	Danger	
Hazard statement(s)	H319	Causes serious eye irritation.
	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary statement(s)	P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
	P264	Wash hands thoroughly after handling.
	P280	Wear eye protection.
	P285	In case of inadequate ventilation wear respiratory protection.
	P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P342+P311	If experiencing respiratory symptoms: CALL a POISON CENTER or doctor/physician.
	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.

CBC5R, Sheath Reagent, VetCollect Tubes
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Enzymatic wash

Component	CAS-No.	EC-No.	Index-No.	RTECS-No.	Concentration
Propylene glycol	57-55-6	200-338-0	-	TY2000000	< 2.5%
Subtilisin	9014-01-1	232-752-2	647-012-00-8	CO9550000	< 2.5%

VetCollect Tubes

Component	CAS-No.	EC-No.	Index-No.	RTECS-No.	Concentration
Tripotassium EDTA, dihydrate (K3 EDTA)	65501-24-8	-	-	-	7.5%

4. FIRST AID MEASURES

Description of first aid measures

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: CALL a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF SWALLOWED: Rinse mouth.

Most important symptoms and effects

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed

no data available

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides.

Special protective equipment for firefighters

Wear self contained breathing apparatus for firefighting if necessary.

Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray.

Environmental precautions

Avoid release to the environment.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Use personal protective equipment as required. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray.

Conditions for safe storage

Store in a well-ventilated place. Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end uses

For veterinary use only.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Component	CAS-No.	Value	Control parameters	Basis
Propylene glycol	57-55-6	TWA	10 mg/m ³	Australia. Workplace Exposure Standards for Airborne Contaminants.
		TWA	10 mg/m ³	Canada. Ontario OELs
		TWA	10 mg/m ³	UK. EH40 WEL – Workplace Exposure Limits
		TWA	10 mg/m ³	USA. OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
Subtilisin	9014-01-41	C	0.00006 mg/m ³	Canada. Alberta. Occupations Health and Safety Code (table 2: OEL)
		C	0.00006 mg/m ³	Canada. British Columbia OEL.
		CEV	0.00006 mg/m ³	Canada. Ontario OELs
		C	0.00006 mg/m ³	Canada. Quebec. Regulations respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants.
		WES-C	0.00006 mg/m ³	New Zealand. Workplace Exposure Standards for Atmospheric Contaminants.
		TWA	0.00004 mg/m ³	UK. EH40 WEL – Workplace Exposure Limits
		C	0.00006 mg/m ³	USA. OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
		ST	0.00006 mg/m ³	USA. NIOSH Recommended Exposure Limits
C	0.00006 mg/m ³	USA. ACGIH Threshold Limit Values (TLV)		

Exposure Controls

Handle in accordance with good industrial hygiene and safety practice. Do not get in eyes, on skin, or on clothing.

Personal protective equipment

Respiratory protection In case of inadequate ventilation, wear respiratory protection.
 Skin protection Handle with gloves.
 Eye/face protection Safety glasses.
 Body protection Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

	<u>Enzymatic wash</u>	<u>CBC5R</u>	<u>Sheath reagent</u>	<u>VetCollect Tubes</u>
Form	liquid	liquid	liquid	liquid
Color (Colour)	amber	colorless	colorless	colorless
Odor (Odour)	no data available	no data available	no data available	no data available
Odor Threshold	no data available	no data available	no data available	no data available
pH	7.6	no data available	8.2	no data available
Melting point	no data available	no data available	no data available	no data available
Initial boiling point	no data available	no data available	no data available	no data available
Flash point	not applicable	not applicable	not applicable	not applicable
Evaporation rate	no data available	no data available	no data available	no data available
Flammability	not applicable	not applicable	not applicable	not applicable
Upper/lower flammability or explosive limits	no data available	no data available	no data available	no data available
Vapor (Vapour) pressure	no data available	no data available	no data available	no data available
Vapor density	no data available	no data available	no data available	no data available

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Relative density	no data available	no data available	no data available	no data available
Water solubility	soluble	soluble	soluble	soluble
Partition coefficient:				
n-octanol/water	no data available	no data available	no data available	no data available
Auto ignition temperature	no data available	no data available	no data available	no data available
Decomposition temperature	no data available	no data available	no data available	no data available
Viscosity	no data available	no data available	no data available	no data available
Explosive properties	no data available	no data available	no data available	no data available
Oxidizing properties	no data available	no data available	no data available	no data available

10. STABILITY AND REACTIVITY

Reactivity	no data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	no data available
Conditions to avoid	no data available
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Carbon oxides, Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

K3 EDTA

Acute toxicity	no data available
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	no data available
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	no data available
Specific Target Organ Toxicity – Single Exposure	Inhalation - May cause respiratory irritation.
Specific Target Organ Toxicity – Repeated Exposure	no data available
Aspiration hazard	no data available

Propylene glycol

Acute toxicity	LD50 – Oral – rat – 20,000 mg/kg LD50 – Dermal – rabbit – 20,800 mg/kg
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	Eyes – rabbit – Mild eye irritation
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	no data available
Specific Target Organ Toxicity – Single Exposure	no data available
Specific Target Organ Toxicity – Repeated Exposure	no data available
Aspiration hazard	no data available

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Subtilisin

Acute toxicity	LD50 – Oral – rat – 2,000 mg/kg
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	Eyes – rabbit – Moderate eye irritation
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	no data available
Specific Target Organ Toxicity – Single Exposure	May cause respiratory irritation.
Specific Target Organ Toxicity – Repeated Exposure	no data available
Aspiration hazard	no data available

12. ECOLOGICAL INFORMATION

K3 EDTA

Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to algae	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
PBT and vPvB assessment	no data available

Propylene glycol

Toxicity to fish	mortality NOEC – Pimephales promelas (fathead minnow) – 52,930 mg/l – 96 h
Toxicity to daphnia and other aquatic invertebrates	mortality NOEC – Daphnia – 13,020 mg/l – 48 h EC50 – Daphnia magna (Water flea) - > 10,000 mg/l – 48 h
Toxicity to algae	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Subtilisin

Toxicity to fish	LC50 – other fish - >100 mg/l
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to algae	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

13. DISPOSAL CONSIDERATIONS

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Waste Treatment Methods

Product	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

Dispose of contents in accordance with local/regional/national/international regulations.

14. TRANSPORT INFORMATION

DOT (US)	Not a dangerous good
ADR/RID	Not a dangerous good
IMDG	Not a dangerous good
ICAO/IATA	Not a dangerous good

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 453/2010.

16. OTHER INFORMATION

none