

MATERIAL SAFETY DATA SHEET
(Directive 91/155/EEC)

1 IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Identification of the preparation:	CYCLOSPRAY (CICLOSPRAY), AEROSOL.		
Company Name	Name	: Eurovet Animal Health B.V.	
	Address	: Handelsweg 25, PO Box 179, 5530 AD Bladel	
	Country	: The Netherlands	
	Telephone	: + 31 (0)497 544300	
	Telefax	: + 31 (0)497 544302	
Emergency telephone	Nationaal Vergiftigen Informatie Centrum: +31 30 274 88 88		

2 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:	- BUTAN 50-70%
	EINECS: 203-448-7 CAS: 106-97-8
	[F+] R12
	- CHLORTETRACYCLIN HCL BP01 MIKR 1-10%
	EINECS: 200-591-7 CAS: 64-72-2
	[Xn] R22
	- PROPAN-2-OL 20-30%
	EINECS: 200-661-7 CAS: 67-63-0
	[F] R11; [Xi] R36; [-] R67

3 HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.
Other hazards: Extremely flammable. In use, may form flammable / explosive vapour-air mixture.

4 FIRST AID MEASURES (SYMPTOMS / ACTIONS)

Skin contact	There may be mild irritation at the site of contact Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Eye contact	There may be irritation and redness. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination
Inhalation	Drowsiness or mental confusion may occur. Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary.
Ingestion	Headaches or general malaise may result. Transfer to hospital as soon as possible.

4 FIRE FIGHTING MEASURES

Extinguishing media : Carbon dioxide. Dry chemical powder.
Exposure hazards : Forms explosive air-vapour mixture. Extremely flammable.
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

5 ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.
Eliminate all sources of ignition.
Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS.
Environmental precautions: Do not discharge into drains or rivers.
Alert the neighbourhood to the presence of fumes or gas.
Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6 HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Smoking is forbidden.
Storage conditions : Keep away from sources of ignition.
Suitable packaging : Must only be kept in original packaging.

7 EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazardous ingredients: - BUTAN
WEL (8 hr TWA): 1000 ppm
- PROPAN-2-OL
WEL (8 hr TWA): 200 ppm BAT 50 mg/l
Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection : Self-contained breathing apparatus must be available in case of emergency.
Ocular protection : Safety goggles.
Hands protection : Nitrile gloves. Breakthrough time of the glove material > 8 hours.
Skin protection : Solvent resistant protective clothing.

8 PHYSICAL AND CHEMICAL PROPERTIES

State : Aerosol
Colour : Blue
Odour : Characteristic odour
Evaporation rate : Fast
Solubility in water : Slightly soluble
Flammability limits % : lower: 1,4
upper: 32,0
Flash point°C : -60
Autoflammability°C : 510
Vapour pressure : 3100 hPa
Relative density : 0,62 g/ml
VOC g/l : 571

Finalised on: 19-02-09

Material: Cyclospray

9 STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Sources of ignition. Heat.

Materials to avoid: Oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of hydrogen chloride / phosgene.

10 TOXICOLOGICAL INFORMATION

Hazardous ingredients: PROPAN-2-OL

IVN RAT LD50 1088 mg/kg

ORL MUS LD50 3600 mg/kg

ORL RAT LD50 5045 mg/kg

SCU MUS LDLO 6 gm/kg

Chronic toxicity : Danger of serious damage to health by prolonged exposure through inhalation.
Danger of serious damage to health by prolonged exposure in contact with skin.

11 ECOLOGICAL INFORMATION

Mobility : Highly volatile. Vapour is heavier than air.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential : No data available.

Other adverse effects : No data available.

12 DISPOSAL CONSIDERATIONS

Disposal operations : D1 Tipping above or underground (e.g. landfill, etc.).

R3 Recycling/reclamation of metals and metal compounds.

Waste code number : 150110, 150104

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

13 TRANSPORT INFORMATION
ADR / RID

UN no : 1950

ADR Class : 2

Classification code: 5F

Shipping name : AEROSOLS

Labelling : 2.1


IMDG / IMO

UN no : 1950

Class : 2

EmS : F-D,S-U

Marine pollutant : .

Labelling : 2.1

Finalised on: 19-02-09

Material: Cyclospray

IATA / ICAO

UN no : 1950
Class : 2
Labelling : 2.1

14 REGULATORY INFORMATION

Hazard symbols: Extremely flammable.
Irritant.



Risk phrases : R12: Extremely flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S23: Do not breathe aerosol.
S51: Use only in well-ventilated areas.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material.
Keep away from sources of ignition - No smoking.
Keep out of the reach of children.

Haz. ingredients (label): PROPAN-2-OL

Seveso II guideline: Yes

Water hazard class: 1 Classification by VwVwS

Air emission directive: Item no: 5.2.5 Amount m%: 96,7

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

15 OTHER INFORMATION

Other information: Storage classification 2B
Limited Quantities.

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3: R12: Extremely flammable.
R22: Harmful if swallowed.
R11: Highly flammable.
R36: Irritating to eyes.
R67: Vapours may cause drowsiness and dizziness. None required

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19 February 2009

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01

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Material: Cyclopray