

SECTION 1: IDENTIFICATION

1.1 Product identifier

Product name:	Intubeaze® 20 mg/ml oromucosal spray
Synonyms:	Not Available
Proper Shipping name:	Not Available
Other means of identification:	None

1.2 Relevant identified uses of the substances or mixture and uses advised against

Recommended uses:	Local anaesthesia of the laryngeal mucosa of the cat in order to facilitate endotracheal intubation by preventing the stimulation of the laryngeal reflex.
Uses advised against:	<ul style="list-style-type: none"> • Do not exceed recommended dose. • Do not use in animals which are hypovolaemic or show heart block. Use with care in cases with hepatic and or cardiac insufficiency. • Laryngeal spasm can also be stimulated by removal of the endotracheal tube. This should be carried out while the patient is still under deep anaesthesia.

1.3 Details of the supplier of the substance or mixture

Registered company name:	Dechra Ltd
Address:	Snaygill Industrial Estate Keighley Road Skipton North Yorkshire BD23 2RW UK
Telephone:	+44 (0) 1756 791311
Fax:	+44 (0) 1756 798604
Email:	Not available

1.4 Emergency Telephone Numbers

	+44 (0) 1756 791311
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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

DSD Classification (EU):	Not Available
DPD Classification (EU)¹:	Not Available

Classification according to regulation (EC) No 1272/2008 [CLP] (EU)¹:	Not Available
2.2 Label Elements	
Signal Word:	Not Available
Hazard Statement(s)	
Not Available	
Additional Statement(s)	
Not Available	
Precautionary Statement(s) Prevention:	
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
Precautionary Statement(s) Response:	
P301 + P310	IF SWALLOWED: immediately call a POISON CENTER/doctor
P330	Rinse mouth.
Precautionary Statement(s) Storage:	
P405	Store locked up
Precautionary Statement(s) Disposal:	
P501	Dispose of contents / packaging according to local regulations
2.3 Other Hazard Information	
Inhalation and / or skin contact can cause serious health damage *. May cause eye, respiratory and skin irritation *.REACH - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.	

SECTION 3: INFORMATION ON THE INGREDIENTS

3.1 Substances

See section below for composition of mixtures

3.2 Mixtures

1.CAS No 2.EC Number 3.Index Number 4.REACH Number	% Weight	Name	Classification according to regulations (EC) No 1272/2008 [CLP] (EU)
1. 73-78-9 2. 200-803-8 3. Not Available	2%	Lidocaine Hydrochloride	Acute Toxicity (Oral) Category 4; H302 ¹

4. Not Available			
1. 59-50-7 2. 200-431-6 3. 604-014-00-3 4. 01-2119938953-25-XXXX	Chlorocresol	0.1	Acute Toxicity (Dermal) Category 4, Acute Toxicity (Oral) Category 4, Serious Eye Damage Category 1, Skin Sensitizer Category 1, Acute Aquatic Hazard Category 1; H312, H302, H318, H317, H400 ²
N/a	Proprietary	Other ingredients determined not to be hazardous	N/a
Legend:	1. Classified by Chemwatch, 2. Classification drawn from EC Directive 1272/2008 - Annex VI 4. Classification drawn from C&L		
SECTION 4: FIRST AID MEASURES			
4.1 Description of first aid measures			
Eye contact:	In case of accidental contact of the product with the eyes rinse abundantly with fresh water. Seek medical attention if any adverse effects persists.		
Skin contact:	In case of accidental contact of the product with the skin rinse abundantly with fresh water. Seek medical attention if any adverse effects persists.		
Inhalation:	Due to physical form of this product, inhalation exposure is unlikely. However, if this product causes irritation after inhaling, seek medical attention.		
Ingestion:	In case of accidental ingestion, do not induce vomiting. Seek medical and show the label or package leaflet to the medical practitioner.		
4.2 Most important symptoms and effects, both acute and delayed			
See Section 11			
4.3 Indication of immediate medical attention and special treatment needed			
Not available.			

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media	
Suitable:	Choose a method appropriate for surrounding fire and materials.
Unsuitable:	None.
5.2 Special hazards arising from the substance or mixture	
Fire incompatibility:	None known.
5.3 Special protective actions for fire-fighters:	
Firefighting:	Alert Fire Brigade and tell them location and nature of hazard. Wear full breathing apparatus and self-contained breathing apparatus.
Fire / explosion hazard:	Non-combustible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
For information on protective equipment, see section 8.	
6.2 Environmental Precautions	
Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.	
6.3 Methods and material for containment and cleaning up	
Minor Spills:	Wash residues and small spillages into a suitable container with copious quantities of water. Clean spillage area with soap and water.
Major Spills:	Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Larger spills should be absorbed with an inert material and collected into an appropriate container for waste disposal. Do not allow to enter drains, sewers or waterways. Observe local legislation.

SECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	
Safe Handling:	Wear suitable protection gloves and clothing when handling the product. When handling, DO NOT eat, drink or smoke. Always wash hands with water after handling. Observe manufacturer's storage and handling recommendations.
Other Information:	Protect from light. Keep out of the reach and sight of children.
7.2 Conditions for safe storage, including any incompatibilities	
Suitable Container:	Do not store above 25°C. Shelf life of the veterinary medicinal product as packaged for sale: 2 years.
Storage incompatibility:	Unknown.
7.3 Specific end uses	
Not available	


SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION		
8.1 Control parameters		
DERIVED NO EFFECT LEVEL - DNEL		
Exposure pattern	Workers	General Population
Long term - inhalation, systemic effects	3.5 mg/m ³	N/a
Long term - inhalation, local effects	0.9 mg/m ³	N/a
Short term - inhalation, local effects	0.9 mg/m ³	N/a

PREDICTED NO EFFECT LEVEL - PNEC	
Compartment	Value
Fresh water	0.1 mg/L
Marine water	3 µg/L
Aqua	0.044 mg/L
Fresh water sediment	327.83 µg/kg sediment dw
Marine water sediment	9.83 µg/kg sediment dw
Soil	57.32 µg/kg soil dw
STP	1.14 mg/L

ORAL	Not available
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OCCUPATIONAL EXPOSURE LIMITS (OEL)				
INGREDIENT DATA:				
Not Available				
EMERGENCY LIMITS:				
Ingredient	Material Name	TEEL -1	TEEL -2	TEEL -3
Chlorocresol	Chlorocresol	5.5 mg/m ³	60 mg/m ³	360 mg/m ³

Ingredient	Original IDLH	Revised IDLH
Chlorocresol	250 ppm	250 [Unch] ppm

8.2 Exposure controls	
Appropriate engineering controls:	The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the particular risk.
Personal protection:	
Eye and face protection:	Safety glasses with side shields / chemical goggles
Skin protection:	See hand protection below
Hands/ feet protection:	No special equipment needed when handling small quantities. OTHERWISE: Wear chemical protective gloves
Body protection:	Wear appropriate clothing
Other protection:	No special equipment needed when handling small quantities
Thermal hazards:	Not applicable
Respiratory protection:	Not applicable
8.3 Environmental exposure controls See Section 12	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Intubeaze®: Clear, colourless mobile liquid.
 Lidocaine Hydrochloride: white, or slightly yellow, crystalline powder
Container: 10ml in a Type 1 glass vial with a mechanical metered-dose applicator
Physical state: Intubeaze®: liquid
Odour: Not available
Odour Threshold: Not available
pH (as supplied): Not available
Melting point / freezing point (degrees C): Lidocaine Hydrochloride melting point: 68°C
Initial boiling point and boiling range: Lidocaine Hydrochloride boiling point: 159°C
Flash Point: In water – no flash point.
Evaporation rate: Not available
Flammability: Not available
Upper/lower flammability or explosive limits: Not available
Vapour pressure: Not available
Relative Density (at degrees C): Not available
Solubility in water and solvents (mg/l): In water, 410 mg/l at 30°C
Vapour density: Not available
Auto ignition temperature (degrees C): Not available
Decomposition temperature (degrees C): Not available
Viscosity: (degrees C): Not available
Explosive properties: Not available
Oxidising properties: Not available
Partition Coefficient: Not available
Molecular weight: Lidocaine hydrochloride: 234.337
Taste: Not available
Surface tension: Not available
Volative component: Not available
Gas group: Not available
pH as a solution: Not available
VOC g/L: Not available

9.2 Other information
 Not Available

10: REACTIVITY AND STABILITY

10.1 Reactivity:	See Section 7
10.2 Chemical stability:	Product is considered stable. Hazardous polymerisation will not occur.
10.3 Possibility of hazardous reactions:	The product is not considered to be hazardous if used as per instructions. Hazardous polymerisation will not occur.
10.4 Conditions to avoid:	Avoid high temperatures and exposure to direct sunlight.
10.5 Incompatible materials:	See section 7.

10.6 Hazardous decomposition:	See Section 5.
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SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation:	Lidocaine hydrochloride may cause irritation, numbness and breathing/swallowing dysfunction. Readily absorbed across mucous membranes. Chlorocresol may cause irritation to the respiratory tract.	
Ingestion:	May cause gastrointestinal irritation. Effects include numbness, light-headedness, drowsiness, dizziness, tinnitus, altered vision, loss of hearing, vomiting, breathing/swallowing dysfunction, twitching, tremors, convulsions, unconsciousness, hypotension, bradycardia, respiratory arrest and cardiovascular collapse.	
Skin contact:	Lidocaine hydrochloride may cause irritation, rash and swelling. Absorption through intact skin is generally poor, although it will cause localized anaesthesia. Systemic effects include bradycardia, lightheadedness, drowsiness, difficulty breathing and convulsions.	
Eye contact:	Lidocaine hydrochloride may cause numbness and eye irritation. Chlorocresol may cause eye irritation.	
Chronic:	Existing medical conditions may be aggravated by exposure to Lidocaine hydrochloride, including sensitivity to local anaesthetics and pre-existing cardiovascular or central nervous system diseases.	
Intubeaze®:	Acute toxicity	Irritation
	Not Available	Not Available
Lidocaine hydrochloride:	Acute toxicity	Irritation
	Oral LD ₅₀ Mouse: 220-457 mg/kg ⁻¹ .	Not Available
Chlorocresol:	Acute toxicity	Irritation
	Oral LD ₅₀ Mouse: 600 mg/kg ⁻¹	

1. * Value obtained from manufacturer's SDS. Unless otherwise specified, data extracted from RTECS - Register of Toxic Effect of chemical Substances

Skin corrosion/ irritation:

The product does not cause any skin corrosion or irritation

Serious eye damage/ irritation:

The product does not cause any eye damage or irritation

SECTION 11: TOXICOLOGICAL INFORMATION	
Respiratory or skin sensitization:	
The product is not a skin sensitizer	
Germ cell mutagenicity:	
Not available	
Carcinogenicity:	
Not available	
Reproductive toxicity:	
Not available	
STOT – single exposure:	
Not available	
STOT–repeated exposure:	
Not available	
Aspiration hazard:	
Not available	

SECTION 12: ECOLOGICAL INFORMATION					
12.1 Toxicity					
Lidocaine hydrochloride and Chlorocresol are degraded by UV light. Chlorocresol is very toxic to aquatic organisms.					
Ingredient	Endpoint	Test Duration (hr)	Species	Value	Source
Chlorocresol	LC ₅₀	96	Fish	0.917mg/L	2
Chlorocresol	EC ₅₀	48	Algae or other aquatic plants	1.5mg/L	2
Chlorocresol	EC ₅₀	72	Algae or other aquatic plants	4.2mg/L	1
Chlorocresol	EC ₁₀	72	Crustacea	1.85mg/L	1
Chlorocresol	NOEC	96	Fish	0.366mg/L	1
DO NOT discharge into sewer or waterways.					
12.2 Persistence and degradability					
Ingredient	Persistence: Water/Soil		Persistence: Air		

Chlorocresol	LOW (Half-life = 49 days)	LOW (Half-life = 0.67 days)
12.3 Bioaccumulative potential		
Ingredient	Bioaccumulation	
Chlorocresol	LOW (BCF = 13)	
12.4 Mobility in Soil		
Ingredient	Mobility	
Chlorocresol	LOW (KOC = 717.6)	
12.5 Results of PBT and vPvB assessment		
Not Available		
12.6 Other adverse effects		
Not Available		

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / packaging disposal:	<p>Any unused veterinary medicinal product or waste material derived from such veterinary medicinal products should be disposed of in accordance with national requirements.</p> <p>Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area.</p> <p>Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.</p>
Waste Treatment Options:	Not Available
Sewage Disposal Options:	Not Available

SECTION 14: TRANSPORT INFORMATION

Labels required:	None
Marine pollutant:	NO
Hazchem:	Not Applicable

Land transport (ADR):		
14.1 UN Number	N/a	
14.2 UN Proper Shipping Name	N/a	
14.3 Transport hazard class(es)	Class	N/a
	Sub risk	N/a
14.4 Packing group	N/a	
14.5 Environmental hazards	N/a	
14.6 Special precautions for user	Special provisions	N/a
	Classification code	N/a
	Hazard Label	N/a
	Special provisions	N/a
	Limited quantity	N/a
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N/a	
Air transport (ICAO-IATA / DGR):		
14.1 UN Number	N/a	
14.2 UN Proper Shipping Name	N/a	
14.3 Transport hazard class(es)	ICAO/IATA Class	N/a
	ICAO / IATA Sub risk	N/a
	ERG Code	N/a
14.4 Packing group	N/a	
14.5 Environmental hazards	N/a	

14.6 Special precautions for user	Special provisions	N/a
	Cargo only packing instructions	N/a
	Cargo only maximum qty/pack	N/a
	Passenger and cargo packaging instructions	N/a
	Passenger and cargo maximum qty/pack	N/a
	Passenger and cargo limited quantity packing instructions	N/a
	Passenger and cargo limited maximum qty/pack	N/a
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N/a	
Sea transport (IMDG-Code / GGVSee):		
14.1 UN Number	N/a	
14.2 UN Proper Shipping Name	N/a	
14.3 Transport hazard class(es)	IMDG Class	N/a
	IMDG Sub risk	N/a
14.4 Packing group	N/a	
14.5 Environmental hazards	N/a	
14.6 Special precautions for user	EMS Number	N/a
	Special provisions	N/a
	Limited quantities	N/a
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N/a	
Inland waterways transport (ADN):		

14.1 UN Number	N/a	
14.2 UN Proper Shipping Name	N/a	
14.3 Transport hazard class(es)	N/a	N/a
14.4 Packing group	N/a	
14.5 Environmental hazard	N/a	
14.6 Special precautions for user	Classification Code	N/a
	Special provisions	N/a
	Limited quantity	N/a
	Equipment required	N/a
	Fire cones number	N/a
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	N/a	

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

LIDOCAINE HYDROCHLORIDE (73-78-9) IS FOUND ON THE FOLLOWING REGULATORY LISTS:

- European Customs Inventory of Chemical Substances ECICS (English)
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

CHLOROCRESOL (59-50-7) IS FOUND ON THE FOLLOWING REGULATORY LISTS:

- European Customs Inventory of Chemical Substances ECICS (English)
- European Trade Union Confederation (ETUC) Priority List for REACH Authorisation
- European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)
- European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable:-: 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC

15.2 Chemical Safety Assessment			
ECHA SUMMARY			
Ingredient	CAS number	Index Number	ECHA Dossier
Lidocaine Hydrochloride	73-78-9	Not Available	Not Available
Harmonization (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Acute Tox. 3	GHS06, Dgr	H301
2	Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Resp. Sens. 1, Aquatic Chronic 3, STOT SE 3	GHS06, Dgr, GHS08	H301, H315, H317, H319, H334, H335, H412, H311, H331
1	Acute Tox. 4	GHS07, Wng	H302
2	Acute Tox. 4, Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, STOT SE 3, Aquatic Chronic 3	GHS08, GHS06, Dgr	GHS08, GHS06, Dgr
Harmonization Code 1 = The most prevalent classification. Harmonization Code 2 = The most severe classification			

Ingredient	CAS Number	Index Number	ECHA Dossier
Chlorocresol	59-50-7	604-014-00-3	01-2119938953-25-XXXX

Harmonization (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Acute Tox. 4, Skin Sens. 1, Eye Dam. 1, Aquatic Acute 1	GHS09, GHS05, Dgr	H302, H312, H317, H318, H400
2	Acute Tox. 4, Skin Sens. 1, Eye Dam. 1, Aquatic Acute 1, Skin Corr. 1C, Skin Corr. 1B	GHS09, GHS05, Dgr, GHS03	H302, H312, H317, H318, H400, H314, H411
Harmonization Code 1 = The most prevalent classification. Harmonization Code 2 = The most severe classification			

Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (lidocaine hydrochloride, chlorocresol)

China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (lignocaine hydrochloride)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
Legend:	<i>Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)</i>

SECTION 16: OTHER INFORMATION

The SDS is written in accordance to guidelines specified by REACH, GHS and ECHA.

Full text Risk and Hazard codes:

H314	Causes severe skin burns and eye damage.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

- EN 166 Personal eye-protection
- EN 340 Protective clothing
- EN 374 Protective gloves against chemicals and micro-organisms
- EN 13832 Footwear protecting against chemicals
- EN 133 Respiratory protective devices

Definitions and abbreviations

- PC—TWA: Permissible Concentration-Time Weighted Average
- PC—STEL: Permissible Concentration-Short Term Exposure Limit
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit.
- IDLH: Immediately Dangerous to Life or Health Concentrations



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