



SECTION 1: IDENTIFICATION	
<b>1.1 Product identifier</b>	
<b>Product name:</b>	Willcain® (Solution for Injection)
<b>Synonyms:</b>	None
<b>Proper Shipping name:</b>	Not Available
<b>Other means of identification:</b>	None
<b>1.2 Relevant identified uses of the substances or mixture and uses advised against</b>	
<b>Recommended uses:</b>	For horses, cattle, cats and dogs. For use as a local anaesthetic, by field block or perineural administration, in minor surgical procedures including dehorning and disbudding in cattle.
<b>Uses advised against:</b>	Not for human use. Do not administer by intravenous, intra-articular or epidural injection. Use with caution in horses due to risk of coat colour at injection site turning permanently white. Care should be taken not to inject the drug into a vein. Vasoconstrictors should be used with caution in lower limb blocks due to the risk of digital ischaemia.
<b>1.3 Details of the supplier of the substance or mixture</b>	
<b>Registered company name:</b>	Dechra Ltd
<b>Address:</b>	Snaygill Industrial Estate Keighley Road Skipton North Yorkshire BD23 2RW UK
<b>Telephone:</b>	+44 (0) 1756 791311
<b>Fax:</b>	+44 (0) 1756 798604
<b>Email:</b>	Not available
<b>1.4 Emergency Telephone Numbers</b>	
	+44 (0) 1756 791311



<b>SECTION 2: HAZARDS IDENTIFICATION</b>	
<b>2.1 Classification of the substance or mixture</b>	
<b>DSD Classification (EU):</b>	Not Available
<b>DPD Classification (EU):</b>	Not Available
<b>Classification according to regulation (EC) No 1272/2008 [CLP] (EU):</b>	Not Available
<b>2.2 Label Elements</b>	
<b>Signal Word:</b>	Not Available
<b>Hazard Statement(s)</b>	
Not Available	
<b>Additional Statement(s)</b>	
Not Available	
<b>Precautionary Statement(s) Prevention:</b>	
Not Available	
<b>Precautionary Statement(s) Response:</b>	
Not Available	
<b>Precautionary Statement(s) Storage:</b>	
Not Available	
<b>Precautionary Statement(s) Disposal:</b>	
Not Available	
<b>2.3 Other Hazard Information</b>	
Not Available	



SECTION 3: INFORMATION ON THE INGREDIENTS			
<b>3.1 Substances</b>			
See section below for composition of mixtures			
<b>3.2 Mixtures</b>			
1.CAS No 2.EC Number 3.Index Number 4.REACH Number	% w/v	Name	Classification according to regulations (EC) No 1272/2008 [CLP] (EU)
1. 51-05-8 2. 200-077-2 3. Not Available 4. 01-2120077479-40-XXXX	5	Procaine hydrochloride	Acute Toxicity (Oral) Category 3, Skin Corrosion/Irritation Category 2, Eye Irritation Category 2, Skin Sensitizer Category 1; H301, H315, H319, H317 <sup>1</sup>
N/a	Proprietary	Other ingredients determined not to be hazardous	N/a

SECTION 4: FIRST AID MEASURES	
<b>4.1 Description of first aid measures</b>	
<b>Eye contact:</b>	Immediately wash off any splashes to the eyes or skin with copious amounts of water. Seek medical attention if irritation occurs, showing the package leaflet or label to the medical practitioner.
<b>Skin contact:</b>	Immediately wash off any splashes to the eyes or skin with copious amounts of water. Seek medical attention if irritation occurs, showing the package leaflet or label to the medical practitioner.
<b>Inhalation:</b>	Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device, such as a bag and a mask.
<b>Ingestion:</b>	Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.



<b>Self-Injection:</b>	Take care to avoid accidental self-injection. In the event of accidental self-injection, seek medical attention and show the package leaflet or label to the medical practitioner.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
See Section 11	
<b>4.3 Indication of immediate medical attention and special treatment needed</b>	
N/a	

<b>SECTION 5: FIRE FIGHTING MEASURES</b>	
<b>5.1 Extinguishing media</b>	
<b>Suitable:</b>	Water spray, dry chemical, alcohol foam or carbon dioxide.
<b>Unsuitable:</b>	None.
<b>5.2 Special hazards arising from the substance or mixture</b>	
<b>Fire incompatibility:</b>	None known.
<b>5.3 Special protective actions for fire-fighters:</b>	
<b>Firefighting:</b>	Alert Fire Brigade and tell them location and nature of hazard. Wear full breathing apparatus and self-contained breathing apparatus.
<b>Fire / explosion hazard:</b>	No known explosive hazards. Irritating and highly toxic gases may be generated by thermal decomposition or combustion.

<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>	
<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	
For information on protective equipment, see section 8.	
<b>6.2 Environmental Precautions</b>	
Do not allow product to reach sewage system or any water course.	
<b>6.3 Methods and material for containment and cleaning up</b>	
<b>Minor Spills:</b>	Absorb solution and place into a suitable clean, dry closed container for disposal.
<b>Major Spills:</b>	Clean up all major spills immediately. Wear protective clothing to avoid contact with the skin and eyes. Absorb solution and place into a suitable clean, dry closed container for disposal.



**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

<b>Safe Handling:</b>	Observe manufacturer's storage and handling recommendations. Wear suitable protective equipment when handling the product. Do not eat, drink or smoke when handling the product. Wash hands after use.
<b>Other Information:</b>	Keep out of the reach and sight of children. Protect from light.

**7.2 Conditions for safe storage, including any incompatibilities**

<b>Suitable Container:</b>	Do not store above 25°C. Following withdrawal of the first dose, use the product within 28 days. Discard unused material. Shelf life of the veterinary medicinal product as packaged for sale: 3 years. Shelf life after first opening the immediate packaging: 28 days.
<b>Storage incompatibility:</b>	N/a

**7.3 Specific end uses**

Not available

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters**

**DERIVED NO EFFECT LEVEL - DNEL**

Not Available


**PREDICTED NO EFFECT LEVEL - PNEC**

Not Available

**OCCUPATIONAL EXPOSURE LIMITS (OEL)**

**INGREDIENT DATA:**

Not Available

<b>EMERGENCY LIMITS:</b>				
<b>Ingredient</b>	<b>Material Name</b>	<b>TEEL-1</b>	<b>TEEL-2</b>	<b>TEEL-3</b>
Not Available				
<b>Ingredient</b>	<b>Original IDLH</b>		<b>Revised IDLH</b>	
Not Available				
<b>8.2 Exposure controls</b>				
<b>Appropriate engineering controls:</b>	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.			
<b>Personal protection:</b>				
<b>Eye and face protection:</b>	Safety glasses with side shields / chemical goggles			
<b>Skin protection:</b>	See hand protection below			
<b>Hands/ feet protection:</b>	No special equipment needed when handling small quantities. OTHERWISE: Wear chemical protective gloves			
<b>Body protection:</b>	Wear appropriate clothing			
<b>Other protection:</b>	No special equipment needed when handling small quantities			
<b>Thermal hazards:</b>	Not applicable			
<b>Respiratory protection:</b>	Not applicable			
<b>8.3 Environmental exposure controls</b>				
See Section 12				



**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

**Appearance:** Willcain®: A clean, bright, colourless mobile solution for injection  
 Procaine hydrochloride: Crystalline powder  
**Container:** 100 ml type I amber glass multidose vial, fitted with a red chlorobutyl bung, with an aluminium overseal.  
**Physical state:** Liquid  
**Odour:** Not available  
**Odour Threshold:** Not available  
**pH (as supplied):** Not available  
**Melting point / freezing point (degrees C):** Procaine HCl: 155°C  
**Initial boiling point and boiling range:** Not available  
**Flash Point:** Not available  
**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):** Soluble  
**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:** 272.22  
**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**

<b>10.1 Reactivity:</b>	See Section 7
<b>10.2 Chemical stability:</b>	Product is considered stable.
<b>10.3 Possibility of hazardous reactions:</b>	Stable under normal temperatures and conditions.
<b>10.4 Conditions to avoid:</b>	Air and light sensitive.
<b>10.5 Incompatible materials:</b>	See section 7.



<b>10.6 Hazardous decomposition:</b>	See Section 5.
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**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b>	May cause respiratory tract irritation.	
<b>Ingestion:</b>	Large doses may produce abdominal pain, nausea and vomiting.	
<b>Skin contact:</b>	May cause skin irritation.	
<b>Eye contact:</b>	May cause eye irritation.	
<b>Chronic:</b>	Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.	
<b>Willcain®:</b>	<b>Acute toxicity</b>	<b>Irritation</b>
	Not Available	Not Available
<b>Procaine hydrochloride:</b>	<b>Acute toxicity</b>	<b>Irritation</b>
	Oral (rat) LD <sub>50</sub> : 200 mg/kg <sup>1</sup>	Not Available
<b>Legend:</b>	1. Value obtained from manufacturer's SDS	
<b>Skin corrosion / irritation:</b>		
Not expected to cause serious skin corrosion or irritation.		
<b>Serious eye damage / irritation:</b>		
Not expected to cause serious eye damage or irritation.		
<b>Respiratory or skin sensitization:</b>		
Not expected to be a skin sensitizer.		
<b>Germ cell mutagenicity:</b>		
Not expected to be a mutagen.		
<b>Carcinogenicity:</b>		
Not expected to be carcinogenic.		
<b>Reproductive toxicity:</b>		
Not expected to have reproductive toxicity.		
<b>STOT – single exposure:</b>		
Not available		
<b>STOT–repeated exposure:</b>		
Not available		





**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Aspiration hazard:</b>
Not available

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Not expected to be an environmental hazard.</b>
<b>12.1 Toxicity</b>
N/a
<b>12.2 Persistence and degradability</b>
N/a
<b>12.3 Bioaccumulative potential</b>
N/a
<b>12.4 Mobility in Soil</b>
N/a
<b>12.5 Results of PBT and vPvB assessment</b>
N/a
<b>12.6 Other adverse effects</b>
N/a

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	
<b>Product / packaging disposal:</b>	<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>
<b>Waste Treatment Options:</b>	Not Available
<b>Sewage Disposal</b>	No environmental effects are anticipated.



<b>Options:</b>	
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SECTION 14: TRANSPORT INFORMATION		
<b>Labels required:</b>	None	
<b>Marine pollutant:</b>	NO	
<b>Hazchem:</b>	Not Applicable	
<b>Land transport (ADR):</b>		
<b>14.1 UN Number</b>	N/a	
<b>14.2 UN Proper Shipping Name</b>	N/a	
<b>14.3 Transport hazard class(es)</b>	Class	N/a
	Sub risk	N/a
<b>14.4 Packing group</b>	N/a	
<b>14.5 Environmental hazards</b>	N/a	
<b>14.6 Special precautions for user</b>	Special provisions	N/a
	Classification code	N/a
	Hazard Label	N/a
	Special provisions	N/a
	Limited quantity	N/a
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	N/a	
<b>Air transport (ICAO-IATA / DGR):</b>		
<b>14.1 UN Number</b>	N/a	
<b>14.2 UN Proper Shipping Name</b>	N/a	
<b>14.3 Transport hazard class(es)</b>	ICAO/IATA Class	N/a
	ICAO / IATA Sub risk	N/a
	ERG Code	N/a
<b>14.4 Packing group</b>	N/a	
<b>14.5 Environmental hazards</b>	N/a	



<b>14.6 Special precautions for user</b>	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
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	N/a	
<b>Sea transport (IMDG-Code / GGVSee):</b>		
<b>14.1 UN Number</b>	N/a	
<b>14.2 UN Proper Shipping Name</b>	N/a	
<b>14.3 Transport hazard class(es)</b>	IMDG Class	N/a
	IMDG Sub risk	N/a
<b>14.4 Packing group</b>	N/a	
<b>14.5 Environmental hazards</b>	N/a	
<b>14.6 Special precautions for user</b>	EMS Number	N/a
	Special provisions	N/a
	Limited quantities	N/a
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	N/a	



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

### SECTION 15: REGULATORY INFORMATION

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

**PROCAINE HYDROCHLORIDE (51-05-8) 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)

**15.2 Chemical Safety Assessment**

**ECHA SUMMARY**

Ingredient	CAS number	Index Number	ECHA Dossier
Procaine hydrochloride	51-05-8	Not Available	01-2120077479-40-XXXX



Harmonization (C&L Inventory)	Hazard Class and Category Code(s)	Pictograms Signal Word Code(s)	Hazard Statement Code(s)
1	Acute Tox. 3, Skin Sens. 1	GHS06, Dgr	H301, H317
2	Acute Tox. 3, Skin Sens. 1, Acute Tox. 2, Resp. Sens. 1, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B	GHS06, Dgr, GHS08	H301, H317, H311, H330, H334, H315, H319
Harmonization Code 1 = The most prevalent classification. Harmonization Code 2 = The most severe classification			

Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (procaine hydrochloride)
China - IECSC	N (procaine hydrochloride)
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (procaine hydrochloride)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
<b>Legend:</b>	<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.

### **Ingredients with multiple CAS numbers:**

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

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- 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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