



CAPTIVON 98

Safety Data Sheet

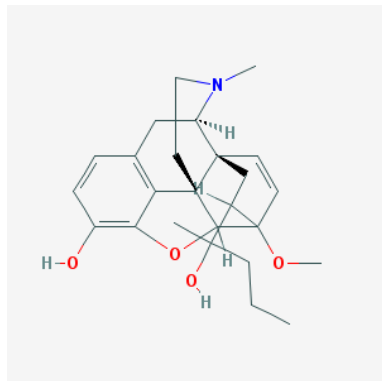
SECTION 1: IDENTIFICATION OF THE SUBSTANCE

PRODUCT IDENTIFIERS:

Proprietary name: Captivon 98
Product form: Solution for Injection
Intended use: Opioid agonist. For veterinary use only.

Active ingredient: Etorphine hydrochloride
Synonyms: (5R,6R,7R,9R,13S,14R)-7-[(R)-2-Hydroxypentan-2-yl]-6-methoxy-17-methyl-4,5-epoxy-6,14-etenomorphinan-3-ol (IUPAC)

Chemical structure:



Molecular Formula: $C_{25}H_{33}NO_4 \cdot HCl$
Molecular weight: 448.04 g/ml
CAS number: 13764-49-3

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Company name: Wildlife Pharmaceuticals (Pty) Ltd
Address: 38 Wilkens Street
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South Africa
Telephone: +27 13 751 2328
Email: pharmacist@wildpharm.co.za

Image Reference: <https://pubchem.ncbi.nlm.nih.gov/>

SECTION 2: HAZARD INFORMATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE:

Classification according to UN GHS: See Section 3

LABEL ELEMENTS:

Labelling according to UN GHS: See Section 3



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAPTIVON 98	CAS Number	GHS-US classification	Hazard Statements	%
Etorphine HCl	13764-49-3	GHS06, GHS08	H300, H330, H361	0.98
Chlorocresol	59-50-7	GHS07, GHS05, GHS09	H314, H335	< 0.1
Sodium chloride	7647-14-5	GHS07	H335	< 1
Hydrochloric acid	7647-01-0	GHS05, GHS07	H314	< 0.1
Sodium hydroxide	1310-73-2	GHS05	H314	< 0.1

SECTION 4: FIRST AID MEASURES

General:	If Captivon 98 has been injected or absorbed, immediately inject a reversing agent (naloxone) and repeat at 2-3 minute intervals until symptoms are reversed. Seek medical attention immediately. Monitor airway and ventilation and initiate CPR as necessary until medical help arrives. Symptoms of poisoning include dizziness, nausea and pinpoint pupils followed by respiratory depression, hypotension, loss of consciousness and cardiac arrest.
Inhalation:	Move exposed subject to fresh air and supply oxygen if breathing is laboured. If not breathing, give artificial respiration. Obtain medical attention.
Eye contact:	Immediately flush eyes with copious amounts of water, occasionally lifting the upper and lower eyelids. Remove contact lenses. Continue to rinse for at least 15 minutes. Obtain medical attention if irritation persists.
Skin contact:	Remove contaminated clothing and shoes. Immediately wash exposed area with water. Obtain medical attention if skin irritation continues. Wash contaminated clothing and clean shoes thoroughly before reuse.
Ingestion:	If conscious, rinse mouth thoroughly with water. Remove dentures. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Remove subject to fresh air. Obtain medical attention immediately.

SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing media:

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

Special protective equipment for firefighters:

In the event of fire, wear self-contained respiratory protective device.

Further information:

Formation of toxic gases is possible during heating or in case of fire. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions and protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing dust, vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions:

Do not allow product to enter sewers, surface or ground water.

Methods and materials for containment and cleaning up:

Soak up spillage with inert absorbent material e.g. sand, silica gel, universal binder or sawdust. Transfer to a suitable, closed and properly labelled container for disposal. Do not flush into surface water or sewer system. Dispose of in an incinerator approved for chemicals. Treat contaminated surfaces with detergent and water. Put washing water in containers to avoid any contamination of surface and ground water, water supplies and drains. Hose down the area for a prolonged period.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Do not breathe vapour or mist spray.

Avoid contact with skin, eyes and clothing.

Do not eat, drink or smoke while using the product.

Refer to Section 8 for personal protection.

Wear suitable respiratory equipment in case of insufficient ventilation.

Conditions for safe storage:

Store the product in its original container in a well ventilated area.

Keep away from food, drink and animal feeding stuffs.

Keep product in an area only accessible to authorised/qualified persons.

Store at or below 25 °C. Do not freeze or refrigerate.

Protect from light.

Keep out of reach of children and uninformed persons.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Engineering controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Environmental controls: Do not let the product enter drains.

Respiratory protection: In case of insufficient ventilation use a self-contained respiratory protective device.

Eye/face protection: Chemical safety goggles.

Skin/body protection: Wear suitable protective clothing.



Hand protection: Wear chemical-resistant, impervious gloves that comply with an approved standard. Use proper glove removal technique to avoid skin coming into contact with the product. Dispose of contaminated gloves after use in accordance with applicable laws and good practice. Wash hands before breaks and immediately after handling the product.

Hygiene measures: Keep away from foodstuffs, beverages and feeds. Thoroughly clean protective gear.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Appearance: Clear and colourless
pH: 3 - 6
Miscibility: Miscible with water

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions
Chemical stability: Stable under recommended storage conditions
Possibility of hazardous reactions: None known
Conditions to avoid: Heat (formation of toxic gases is possible)

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS:
Acute oral toxicity: No data available
Acute inhalation toxicity: No data available
Acute dermal toxicity: No data available
Skin corrosion/irritation: No data available
Eye irritation: No data available
Sensitisation: No sensitising effects known
Germ cell mutagenicity: No data available
Reproductive toxicity: No data available
Specific target organ toxicity: No data available

POTENTIAL ACUTE HEALTH EFFECTS:
Inhalation: Fatal if inhaled
Ingestion: Fatal if swallowed
Skin contact: No known significant effects or critical hazards
Eye contact: May cause irritation of the eyes

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY:
Aquatic toxicity: No data available
Persistence and degradability: No data available

BEHAVIOURS IN ENVIRONMENTAL SYSTEMS:
Bioaccumulation potential: No data available
Stability in water/soil: No data available



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local, regional, national and international regulations. Avoid release into the environment.

SECTION 14: TRANSPORT INFORMATION

ADR/RID

UN number: 3140
Class: 6.1
Packaging group: I
Labelling no: 6.1
Hazard identification no: 60
CEPIC no: 60GT1-III
Proper shipping name: ALKALOID, LIQUID, N.O.S. (Etorphine)
Additional information: LQ not permitted

IMDG

UN number: 3140
Class: 6.1
EmS: None
Packaging group: I
Labelling no: 6.1
Marine pollutant: No
Proper shipping name: ALKALOID, LIQUID, N.O.S. (Etorphine)
Additional information: LQ not permitted

ICAO/IATA

UN number: 3140
Class: 6.1
Packaging group: I
Labelling no: 6.1
Proper shipping name: ALKALOID, LIQUID, N.O.S. (Etorphine)
Additional information: LQ not permitted

SECTION 15: REGULATORY INFORMATION

National legislation

SECTION 16: OTHER INFORMATION

HAZARD STATEMENTS:

H300: Fatal if swallowed
H314: Causes severe skin burns and eye damage
H330: Fatal if inhaled
H335: May cause respiratory irritation
H361: Suspected of damaging fertility or the unborn child

ABBREVIATIONS AND ACRONYMS:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS: Chemical Abstracts Services (division of the American Chemical Society)

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

The information in this safety data sheet (SDS) has been prepared with due care and is true and accurate to the best of our knowledge. The user must determine the suitability of the information for its particular purpose, ensure compliance with existing laws and regulations, and be aware that other or additional safety or performance considerations may arise when using, handling and/or storing the product. The information in this SDS does not purport to be all inclusive or a guarantee as to the properties of the product supplied, and should be used only as a guide. Wildlife Pharmaceuticals (Pty) Ltd makes no warranties or representations as to the accuracy and completeness of the information contained herein, shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any injury, damage or loss, howsoever arising, direct or otherwise.