

**HEALTH AND SAFETY DATA SHEET**

| <b>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY</b>   |  |  |
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| DECHRA VETERINARY PRODUCTS,<br>SANSAW BUSINESS PARK,<br>HADNALL, SHREWSBURY,<br>SHROPSHIRE,<br>SY4 4AS<br><br>Tel.: +44 (0) 1939 211220<br>Fax: +44 (0) 1939 211201 | <b>PRODUCT NAME:</b><br><br><b>SOMULOSE<br/>           SOLUTION FOR INJECTION</b>  | <b>LEGAL CATEGORY:</b><br>CD (Sch. 2), POM-V   |
|   |  | <b>LICENCE NUMBER:</b><br>UK: Vm 10434/4010  |
|   |  | <b>ISSUE DATE:</b><br>10 March 2014  |
| <b>PHYSICAL FORM:</b><br>Clear, slightly straw-coloured viscous solution for injection  | <b>PRODUCT TYPE:</b><br>Indicated for euthanasia in dogs, cats, horses and cattle  | <b>CONTAINER:</b><br>Amber, glass vials containing 25 ml or 50 ml  |
| <b>2. HAZARDS IDENTIFICATION:</b> THIS IS A POTENT DRUG, WHICH IS HIGHLY TOXIC TO MAN.  |  |  |
| <b>3. COMPOSITION/INFORMATION ON ACTIVE INGREDIENTS</b>   |  |  |
| <u>NAME</u>   | <u>mg/ml</u>   | <u>HAZARD</u>  |
| Secobarbital sodium (Quinalbarbitone sodium)  | 400  | Hypnotic derivative of barbituric acid with a rapid onset of action, which profoundly depresses the central nervous system, including respiratory centres. |
| Cinchocaine hydrochloride   | 25   | Marked cardiotoxic effects at high doses.  |
| <b>4. FIRST-AID MEASURES</b>  |  |  |
| <b>EYE CONTACT:</b>   | Irrigate with cold running water for at least 10 minutes. Seek urgent medical assistance.  |  |
| <b>DERMAL CONTACT:</b>  | In case of accidental self-administration, by injection or skin absorption, seek urgent medical assistance advising medical service of barbiturate and local anaesthetic poisoning and show the label. |  |
| <b>INGESTION:</b>   | Seek immediate medical aid.  |  |
| <b>INHALATION:</b>  | Remove from exposure. Loosen restrictive clothing. Lie flat. Seek medical aid.   |  |
| <b>EQUIPMENT AT WORKPLACE:</b>  | Skin and eye washing facilities.   |  |

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| <b>5. FIRE-FIGHTING MEASURES (BULK ACTIVE)</b>  |   |
| FLAMMABILITY: Not flammable.  |   |
| SUITABLE EXTINGUISHERS:<br>All systems may be used.   | EXPLOSIVE HAZARDS:<br>None known.   |
| EXTINGUISHERS NOT TO BE USED:<br>None.  |   |
| SPECIAL PROTECTIVE EQUIPMENT:<br>None.  | HAZARDOUS COMBUSTION PRODUCTS:<br>May emit toxic fumes.   |
| <b>6. ACCIDENTAL RELEASE MEASURES</b>   |   |
| PERSONAL PROTECTION:  | Wear suitable protective gloves when handling the product.  |
| SPILLAGE CLEAN-UP:  | Absorb the product and sweep into a suitable sealable container for disposal. Wash the affected area with copious quantities of water.  |
| <b>7. HANDLING AND STORAGE</b>  |   |
| HANDLING:   | This is a potent drug, which is highly toxic to man – extreme care should be taken to avoid accidental self-administration.   |
| STORAGE:  | Store between 10 and 25°C. Do not refrigerate or freeze. Protect from frost. Protect from light.<br>Keep out of the reach and sight of children.  |
| <b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION:</b>  | This product should only be administered in the presence of an assistant/other individual in case of accidental self-administration, due to the rapid onset of effect of Secobarbital sodium. |
| <b>9. PHYSICAL AND CHEMICAL PROPERTIES OF ACTIVE</b>  |   |
| APPEARANCE:<br>Secobarbital sodium: White powder<br>Cinchocaine hydrochloride: White crystalline powder                 | MELTING POINT °C:<br>Secobarbital sodium: 156-161°C<br>Cinchocaine hydrochloride: 96-100°C  |
| SOLUBILITY IN WATER:<br>Secobarbital sodium: 333.3 g/l<br>Cinchocaine hydrochloride: 2000 g/l                           | BOILING POINT °C:<br>No data available  |
| MOLECULAR FORMULA:<br>Secobarbital sodium: $C_{12}H_{17}N_2NaO_3$<br>Cinchocaine hydrochloride: $C_{20}H_{29}N_3O_2HCl$ | MOLECULAR MASS:<br>Secobarbital sodium: 260.3<br>Cinchocaine hydrochloride: 379.9   |

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| <b>10. STABILITY AND REACTIVITY:</b> | Store between 10 and 25°C. Do not refrigerate or freeze. Protect from frost. Protect from light.   |
| <b>11. TOXICOLOGICAL INFORMATION</b> |  |
| EYE CONTACT:                         | May cause irritation.  |
| DERMAL CONTACT:                      | May cause skin reactions.  |
| INGESTION:                           | Drowsiness, sedation and ataxia are the most frequent adverse effects. Other adverse effects include respiratory depression, gastrointestinal disturbances, skin reactions and confusion. The most toxic effects of overdose result from profound central depression and include coma, respiratory and cardiovascular depression with hypertension and shock leading to renal failure and death. |
| INHALATION:                          | May cause irritation.  |
| <b>12. ECOLOGICAL INFORMATION:</b>   | No environmental hazard.   |
| <b>13. DISPOSAL CONSIDERATIONS:</b>  | <p><b>Warning:</b> Hazardous material. Handle with great care.</p> <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>Disposal of this product is controlled by the Misuse of Drugs Regulations 2001.</p>   |
| <b>14. TRANSPORT INFORMATION:</b>    | Regulated for transport, classified as:<br>UN1851<br>Medicine, liquid, toxic, n.o.s.<br>Class 6.1<br>Packing Group II  |
| <b>15. REGULATORY INFORMATION</b>    |  |
|                                      | Controlled Drug (Schedule 2)<br>POM-V Prescription Only Medicine - Veterinarian  |

## **16. OTHER INFORMATION**

Secobarbital sodium – minimum lethal dose in man is 2 g (oral). LD<sub>50</sub> (mice) – 112 mg/kg ip; 100 mg/kg iv  
Cinchocaine hydrochloride – minimum lethal dose in man is 15 mg/kg (oral)

Prepared by Dechra Veterinary Products on the basis of the best available data.  
No representation is given that the information provided is complete in all respects.

Supersedes: 26 January 2011