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| **DRUG** | **TRADE NAME** | **ACTIVE INGREDIENT** | **INDICATIONS** | **DOASGE** | **CONTRAINDICATION** | **WITHDRAWAL** |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Bomazine (available in 2% &10%) | Xylazine Hydrochloride | For sedation, analgesia and muscle relaxation | Sheep and Goats :  Intravenous  0.15-0.3 ml/ 25 kg   Intramuscular  0.25-0.5 ml/ 25 kg  Cattle :  Intravenous  0.25-0.75 ml/ 100 kg   Intramuscular  0.5-1.75 ml/ 100 kg | Xylazine should be avoided in Weak and debilitated animals | Milk:7days  Meat: 2 days |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Natrium pentobarbital | Sodium pentobarbital | Barbiturate leading to immediate depression of the cerebral cortex, subcortical structures, vital cerebral centers and the cardiac muscle. Overdoses can be used for euthanasia | Cattle: 30mg/kg IV for Hydrocarbon toxicity. Sedation:  1-2 g IV.  Horse: 15-18 mg/kg IV  Pigs: 30mg/kg IV.15-30mg/kg as anesthetic.  Sheep and Goats: 20-30mg/kg IV (adults). Lambs: 15-26mh/kg IV | Hypovolemia, anemia, cardiac and respiratory diseased animals | \_\_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Ketamine 10% | Ketamine HCI | For diagnostic/minor surgical procedures that do not require skeletal muscle relaxation and restraint | Cattle: Analgesia 0.4-1.2 mg/kg/hr.  Horse 2 mg/kg IV, 5 minutes following 1 mg/kg IV Xylazine.  Swine 6-11 mg/mg IM after or in conjunction with sedative/tranquilizer | CNS depressions prolong recovery time from ketamine. | \_\_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Thiopental | |  |  | | --- | --- | | Thiopental  Sodium |  | | Induction agent for general anesthesia used with other anesthetics or by itself for short procedures | Cattle: 8.14 - 15.4 mg/ kg IV. Calves under 2 weeks: 15-22 mg/kg IV  Horse: With pre -anesthetic tranquilizer: 8.25mg/kg IV  Pigs: 5.5-11mg/kg IV  Sheep: 9.9-15mg/kg IV | Heart diseases, shock, myasthenia gravis, | \_\_\_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Euthanasia Fort Solution | Pentobarbital | Intravenous euthanasia | 150 mg/kg IV in all large animals | **Do not use** for anaesthesia. | \_\_\_ |
| C:\Users\Mark\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\nz-d2IbA2KyZH_X7gfjfjvQVfw_8MlzMcKwEiH3rBI4pX92IB.JPG | Lidocaine | Lidocaine HCL | Potent local anesthetic for producing epidural and nerve conduction anesthesia. | Epidural: Cattle and Horses - 5 to 15 mL  Dogs and Cats - 1 mL per 10 pounds of body weight  Nerve Block: Cattle and Horses - 5 to 20 mL | Lidocaine is contraindicated in animals with a known hypersensitivity to the drug. | \_\_\_\_\_\_ |
| Image result for bupivacaine | Bupivacaine | Bupivacaine HCL | Local anesthetic, commonly used in veterinary medicine as analgesia for surgical incisions. This medication is often given as an epidural prior to surgery or as a nerve-blocking agent to help minimize the discomfort associated | Cattle: 0.125mg/kg | Coagulopathies, sepsis, skin infections over the injection site, and pelvic/sacral fractures**.** | \_\_\_\_\_\_\_ |