

TRANQIL™

Neuroleptic Injection for Pigs

Active Constituent: 40mg/mL Azaperone

Calm pigs are easier to manage

Azaperone is a neuroleptic of the butyrophenone series for specific use in pigs. It produces predictable psychomotor sedation without narcosis.

- **Short induction period**
- **1-6 hour duration of action**
- **Multi-purpose injection**
- **Wide safety margin**
- **No adverse effects on: parturition, lactation, mother instinct, food intake, circulation, body temperature or heart rate**



	TRANQIL™	STRESNIL®
ACTIVE CONSTITUENT	40mg/mL Azaperone	40mg/mL Azaperone
SPECIES	Pigs	Pigs
DOSE RATES		
Aggressive Sow/Obstetrics	1mL/20kg	1mL/20kg
Overloading of the heart	1-2mL/100kg	1-2mL/100kg
Stress / Muscular Dystrophy	0.5-1mL/20kg	0.5-1mL/20kg
Premedication	1-2mL/20kg	1-2mL/20kg
Knock-down effect: adult animals	Max 2mL/20kg	Max 2mL/20kg
Knock-down effect: young animals	4mL/20kg	4mL/20kg
Regrouping (piglets, porkers, slaughter pigs)		
Transport of boars	0.5mL/20kg	0.5mL/20kg
MEAT WHP	6 hours	6 hours
ESI	Not established	Not established
ROUTE OF ADMINISTRATION	IM	IM

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STRESNIL® is a trademark of Eli Lilly and Company Limited



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Neuroleptic Injection for Pigs

Active Constituent:
40mg/mL Azaperone

Azaperone is a neuroleptic of the butyrophenone series for specific use in pigs.
It produces predictable psychomotor sedation without narcosis.

DIRECTIONS FOR USE

Side Effects

TRANQIL™ Injection is well tolerated and has a wide safety margin. Salivation and panting may occur at high doses. These side-effects disappear spontaneously and leave no lasting damage.

DOSAGE AND ADMINISTRATION

For use by Intramuscular injection only.

Use contents within 28 days of first broaching of the vial.

Discard the unused portion.

DOSAGE: 1-2 mg/kg intramuscularly.

Claim	Dose rate
Aggressive sow/obstetrics	1mL/20kg
Overloading of the heart	1-2mL/100kg
Stress/muscular dystrophy	0.5mL-1.0mL/20kg
Premedication in local and general anaesthesia	1-2mL/20kg
Knock down effect Adult animals Max Young animals	2mL/20kg 4mL/20kg
Regrouping of piglets/porkers/ slaughter pigs	1-2mL/20kg
Transport of boars	0.5mL/20kg

1. Aggressive sow (sow that does not accept or bites her newborn piglets): **1mL/20kg.**

The sow accepts her piglets 1/2-1 hour after treatment, and even accepts piglets from other litters. She should be approached cautiously so as not to startle her. The indicated dosage should be observed.

If doses are too low, aggression is curbed only temporarily.

If doses are too high, relapse may occur after "awakening".

2. Obstetrics: 1mL/20kg

- Cessation of parturition due to excitation.
- Obstetric aid (manual delivery).
- Inversion of the vagina.
- Pathological straining.

Oxytocin may be given simultaneously, if indicated, but usually this is not necessary.

3. Overloading of the heart: 1-2mL/100kg.

The animal becomes quiet a few minutes after the injection. Trembling diminishes, and respiration deepens. Cyanosis disappears gradually, and the pulse rate slows down. Respiration may still be accelerated over a considerable period of time after the injection, but this is normal and necessary and should not be confused with the pathological, superficial panting just before death.

In warm weather, water may be sprinkled on the animal's head and poured around the body. If improvement is insufficient after 15 minutes, another similar dose may be given again.

4. Stress: 0.5-1mL/20kg

- Restlessness
- Nervousness
- Excitation, because of pain for instance

The dosage should be adapted to the degree of excitation. TRANQIL™ INJECTION may also be given in divided doses with a 15-minute interval.

5. Muscular dystrophy: 0.5-1mL/20kg.

TRANQIL™ INJECTION has a tranquilising effect in acute stage of muscular dystrophy. If relapse occurs, a second identical dose may be administered.

6. Premedication in local and general anaesthesia: 1-2mL/20kg.

7. Knock-down effect: blood sampling, diagnostic examination and minor therapeutic interventions whether or not under local anaesthesia (castration, cryptorchidism, prolapse of the rectum, inguinal hernia, umbilical hernia, wound treatment, insertion of nose ring in boars and sows, etc.):

Adult animals: Max. 2mL/20kg.

Young animals: 4mL/20kg.

8. Regrouping of piglets, porkers, slaughter pigs: prevention and cure of fighting: 1mL/20kg.

a) Preventive use:

Pigs from different litters or pens may be brought together into one pen immediately after administration. After a few minutes, they lie down together for about two hours, irrespective of their origin. Afterwards, violent fights are unlikely to occur.

All animals should be treated. Covering the animals with ill smelling liquids is unnecessary, and they need not be watched even after the drug has worn off.

The indicated dosage should be respected. If doses are too low, the animals will be sedated but aggression will be curbed only temporarily or not at all. If doses are too high, dangerous fights may occur after "awakening". During the day of treatment, untreated animals should not be admitted to the run.

Non-castrated boars may still be somewhat aggressive after "awakening". A second injection may be given if necessary, which usually sedates the animal definitively.

b) Curative use:

Fighting animals become quiet shortly after the injection. The animals no longer fight even after the effect of the drug has worn off. As TRANQIL™ has a favourable effect on heart and circulation, animals exhausted by the fights rapidly recover.

9. Transport of boars: 0.5mL/20kg

Half an hour after administration, several boars may be loaded together on a lorry and transported without danger. The animals should remain drowsy for two or three hours after the injection. The animals should not be loaded earlier, because they are still aggressive and would fight. They should be left alone in a quiet environment during the induction period.

After the treatment, the animal should be left alone in a quiet environment. Insufficient results may be obtained if the animal is disturbed or chased during the induction period.

ADMINISTRATION

A long hypodermic needle should be used, and the injection given either as close behind the ear as possible and perpendicular to the skin, or deeply in the back of the ham. There is a risk of injecting part of the drug into the fat, if heavy animals are injected with a short needle in the ham or in the neck. In this case, results may be doubtful.

PROPERTIES

Azaperone is a neuroleptic of the butyrophenone series for specific use in pigs. It produces predictable

psychomotor sedation without narcosis after intramuscular injection. The animal becomes quiet and comparatively indifferent to the environment.

The degree of sedation is dose-related. Adult animals require comparatively lower dose than half-grown animals. At very low doses 0.5mg/kg, the animal is slightly sedated, yet it can be easily driven. With increasing doses, the animal becomes increasingly drowsy and slow.

At 2mg/kg, it lies down for about two hours, can hardly be driven and ceases to be aggressive. At higher doses, the animals can hardly stand, and its defence reactions have markedly decreased.

Minor therapeutic interventions may be performed, although there is no analgesia. Dilation of the ear veins facilitates blood sampling and intravenous injections. The induction period is short: the drug is effective after only a few minutes. Peak effect is reached after about 15 minutes in young animals and 30 minutes in adult animals.

The duration of action is 1-6 hours.

Sensitivity of breed, line or individuals has never been observed.

Slight yellowing of the product may occur after two years but this in no way affects the efficacy of the product.

REMARKS

A therapeutic dose of this product has no adverse effects on: parturition, lactation, mother instinct, food intake, circulation, body temperature, heart rate. Insufficient results are mostly due to a faulty injection technique (not deep- intramuscular) and to inaccurate dosage.

CAUTION-AVOID CARCASS DAMAGE

1. Sterilise all injection apparatus by boiling before use. Avoid use of strong disinfectants on apparatus.
2. Maintain cleanliness at all times.
3. Keep needles sharp and clean. Replace frequently.
4. Use needles of appropriate gauge and length.
5. As far as possible, avoid injection of animals during wet weather or under dusty conditions.
6. This product should be injected only into muscle tissue.
7. If possible, inject into muscle tissue on side of neck.

WITHHOLDING PERIODS

MEAT: DO NOT USE less than 6 hours before slaughter for human consumption.

TRADE ADVICE

EXPORT SLAUGHTER INTERVAL (ESI): This product does not have an ESI established. For advice on ESI, contact Abbey Animal Health Pty Ltd on 02 8088 0720 before using this product.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126.

DISPOSAL

Dispose of empty container by wrapping with paper and placing in garbage.

STORAGE

Store below 25°C (Air Conditioning). Protect from light.

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APVMA Approval No: 86787/116574