



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**

**PERMIT TO ALLOW EMERGENCY USE OF REGISTERED AGVET CHEMICAL
PRODUCTS FOR DISINFECTION OF ANTHRAX**

PERMIT NUMBER – PER10594

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 17 JANUARY 2017 TO 31 JULY 2030

Permit Holder:

NSW DEPARTMENT OF PRIMARY INDUSTRIES
161 Kite Street
ORANGE NSW 2800

Persons who can use the product under this permit:

Owners and employees of affected properties, NSW Local Land Services staff and staff of State and Territory Departments of Agriculture, Primary Industries or equivalent.



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CONDITIONS OF USE

Products to be used:

EEZI POOL SHOCK TREATMENT (APVMA No. 85069)

PLUS OTHER REGISTERED PRODUCTS

Containing: 650 g/kg available chlorine present as CALCIUM HYPOCHLORITE as the only active constituent.

PURAWAY LOW RESIDUE GRANULAR CHLORINE (APVMA No. 86153)

PLUS OTHER REGISTERED PRODUCTS

Containing: 700 g/kg available chlorine present as CALCIUM HYPOCHLORITE as the only active constituent.

HOLIMEN FUNGICIDE DISINFECTANT (APVMA No. 41413)

PLUS OTHER REGISTERED PRODUCTS

Containing: 1000 g/kg CHLORAMINE as the only active constituent.

REDOX FORMALIN FOR THE CONTROL OF FOOTROT IN SHEEP (APVMA No. 36715)

PLUS OTHER REGISTERED PRODUCTS

Containing: 400 g/L FORMALDEHYDE as the only active constituent.

GLUTA BAC GLUTARALDEHYDE SANITISER (APVMA No. 48581)

PLUS OTHER REGISTERED PRODUCTS

Containing: 150 g/L GLUTARALDEHYDE and 100 g/L QUATERNARY AMMONIUM COMPOUND as the only active constituents.

GEA QUANTUM ALKALI MILKING MACHINE DETERGENT (APVMA No. 84752)

PLUS OTHER REGISTERED PRODUCTS

Containing: 400 g/L SODIUM HYDROXIDE as the only active constituent.

RUA-KLOR 12.5% CHLORINE SANITISER FOR DAIRY EQUIPMENT (APVMA No. 85029)

PLUS OTHER REGISTERED PRODUCTS

Containing: 125 g/L available chlorine present as SODIUM HYPOCHLORITE as the only active constituent.



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Directions for Use:

For use ONLY in situations where contamination with anthrax is suspected and/or known.

Situations	Disinfectant	Rate	Application
Exposed clothes and footwear	Formaldehyde 400 g/L	100 mL/L water (3.7% formaldehyde)	Soak for 2 hours if not possible to burn with carcass.
	Chloramine-T 1000 g/kg	10 g/L water (1% chloramine-T)	
Small equipment such as chains or ropes	Formaldehyde 400 g/L	100 mL/L water (3.7% formaldehyde)	Soak for 2 hours.
	Chloramine-T 1000 g/kg	10 g/L water (1% chloramine-T)	
Contaminated soil, bedding, manure, unused feed	Formaldehyde 400 g/L	100 mL/L water (3.7% formaldehyde)	Soak for at least 12 hours. Calcium hypochlorite and formaldehyde solutions should be applied to saturation, in a minimum volume of 5L/m ² . Sodium hydroxide solution should be applied to saturation, in a minimum volume of 10L/m ² . Note: do not use sodium hydroxide if intending to apply pH sensitive disinfectants without neutralisation.
	Calcium hypochlorite 650 g/kg Calcium hypochlorite 700 g/kg	150 g/L water 140 g/L water (10% calcium hypochlorite)	
	Sodium hydroxide 400 g/L	250 mL/L water (10% sodium hydroxide)	
	Sodium hypochlorite 125 g/L	800 mL/L water (10% sodium hypochlorite)	
Livestock vehicles and large equipment	Formaldehyde 400 g/L	250 mL/L water	Note: Hypochlorite solutions are inactivated by the presence of organic materials and are corrosive for many metals. If used on metal surfaces, they should be rinsed off after the required exposure time. Saturate twice with preliminary
	Glutaraldehyde 150 g/L and Quaternary Ammonium Compound 100 g/L	270 mL/L water (4% glutaraldehyde)	
	Calcium hypochlorite 650 g/kg Calcium hypochlorite 700 g/kg	150 g/L water 140 g/L water (10% calcium hypochlorite)	



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Situations	Disinfectant	Rate	Application
	Sodium hypochlorite 125 g/L	800 mL/L water (10% sodium hypochlorite)	disinfectant in a minimum volume of 1L/m ² , two hours apart, and leave for three hours prior to cleaning. Remove organic matter from contaminated vehicles and/or equipment with detergent and water. DO NOT use high pressure sprays. After cleaning apply disinfectant (next section). Refer to additional safety directions that apply to disinfection of livestock vehicles.
After cleaning livestock vehicles and large equipment as above Note: To minimise the risk of chemical incompatibilities between disinfectants, it is considered best practice to use the same disinfectant throughout the entire decontamination process.	Chloramine-T 1000 g/kg	10 g/L water (1% chloramine-T)	After cleaning apply disinfectant at a rate of 1L/m ² and leave for a minimum of 2 hours in open air. Refer to additional safety directions that apply to disinfection of livestock vehicles.
	Formaldehyde 400 g/L	100 mL/L water (3.7% formaldehyde)	
	Glutaraldehyde 150 g/L and Quaternary Ammonium Compound 100 g/L	270 mL/L water (4% glutaraldehyde)	
	Calcium hypochlorite 650 g/kg Calcium hypochlorite 700 g/kg	150 g/L water 140 g/L water (10% calcium hypochlorite)	
Premises – Abattoirs, knackeries and animal housing	Sodium hydroxide 400 g/L	250 mL/L water (10% sodium hydroxide)	Active in the presence of organic material. Contact time 20 minutes.
	Formaldehyde 400 g/L	125 mL/L water	



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Situations	Disinfectant	Rate	Application
After cleaning premises as above Note: To minimise the risk of chemical incompatibilities between disinfectants, it is considered best practice to use the same disinfectant throughout the entire decontamination process.	Glutaraldehyde 150 g/L and Quaternary Ammonium Compound 100 g/L	270 mL/L water (4% glutaraldehyde)	After cleaning apply disinfectant at a rate of 1L/m ² and leave for 3 hours in open air.
	Calcium hypochlorite 650 g/kg Calcium hypochlorite 700 g/kg	150 g/L water 140 g/L water (10% calcium hypochlorite)	
	Chloramine-T 1000 g/kg	10 g/L water (1% chloramine-T)	
	Formaldehyde 400 g/L	100 mL/L water (3.7% formaldehyde)	
	Glutaraldehyde 150 g/L and Quaternary Ammonium Compound 100 g/L	270 mL/L water (4% glutaraldehyde)	
	Calcium hypochlorite 650 g/kg Calcium hypochlorite 700 g/kg	150 g/L water 140 g/L water (10% calcium hypochlorite)	
High risk carcass sites and situations where carcass cannot be burned immediately	Formaldehyde 400 g/L	125 mL/L water	Using a watering can with a spray rose attached, soak surface soils within 1 m of the carcass at a rate of 5 L/m ² to achieve a total coverage of approximately 45 L/carcass area. Avoid chemical run-off from the sites. DO NOT apply if rainfall is likely within 24 hours.

PRODUCTS SHOULD BE APPLIED IN CONJUNCTION WITH INSTRUCTIONS FROM THE RELEVANT AUTHORITY.

In NSW refer to the DPI Primefact 114 ‘Anthrax’ available on the website at www.dpi.nsw.gov.au. Search for “anthrax” in the search bar.



Safety Directions and Personal Protective Equipment

- Prior to using this permit refer to the full Safety Directions, First Aid Instructions and Warning Statements for each product provided in **Attachment 1**.
- As a minimum, when opening product containers, preparing spray solutions and during use wear goggles, chemical resistant clothing buttoned to the neck and wrist and washable hat, elbow-length chemical-resistant gloves and impervious footwear.
- If products or prepared solutions come into contact with skin, immediately wash the area with soap and water.
- If products or prepared solutions come into contact with eyes, immediately wash it out with water.
- Additional PPE requirements:
 - Glutaraldehyde and quaternary ammonium compound: wear a half facepiece respirator with combined dust and gas cartridge for glutaraldehyde (or full face-piece respirator), when opening the container, preparing and using the product hen opening the container and using the product.
 - Formaldehyde: wear half facepiece respirator with combined dust and gas cartridge for formaldehyde (or full face-piece respirator), when opening the container, preparing and using the product hen opening the container and using the product.
 - Chloramine: wear a disposable dust mask when opening the container, preparing and using the product when opening the container and using the product.
 - Sodium hypochlorite: wear a half facepiece respirator with combined dust and gas cartridge for chlorine (or full face-piece respirator), when opening the container, preparing and using the product.
- When products are used in enclosed spaces ensure workplace exposure standards are adhered to for the product being used.

Additional safety directions for treatment of livestock vehicles

- DO NOT allow any persons to remain in a vehicle while it is being treated.
- DO NOT allow any person to stand within 20 m of a vehicle that is being treated unless they are wearing appropriate PPE.

Jurisdiction:

NSW, QLD, WA, SA, VIC, ACT and TAS.

Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label.

The holder of the permit must notify the APVMA of new information, including relevant information in accordance with section 161 of the Schedule to the Agricultural and Veterinary Chemicals Code Act 1994, in accordance with the obligation imposed by that section.

Issued by the Australian Pesticides and Veterinary Medicines Authority

Notes: 17/08/2009 – Permit updated to include All States. Permit issued as Version 2.

26/06/2020 – Permit updated to amend safety directions, first aid instructions and first aid warnings. Permit expiry extended to 30/06/2025. Permit issued as Version 3.



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3/07/2025 – Permit updated to replace unregistered products, update users, update directions for use table to incorporate more of the AUSVET plan instructions and uses, add s161 condition. Permit version 3 expired 30/06/2025. Permit issued as Version 4 on 3/07/2025. Permit expiry extended to 31/07/2030.

Attachment 1

Calcium hypochlorite 650 g/kg and 700 g/kg products:

Warning Statements

Highly reactive oxidising chlorine compound.

May cause fire or explosion.

May produce severe burns.

Product will irritate the eyes, nose, throat and skin.

Avoid contact with eyes.

Avoid contact with skin.

Avoid contact with clothing.

Avoid breathing dust (or) vapour (or) spray mist.

Do not allow product to come into contact with other chemicals, especially acids.

Do not allow product to come into contact with combustible materials such as paper, fabric, sawdust or kerosene.

Do not allow to get damp.

Use clean containers for dispensing.

Do not mix with other chemicals.

Do not mix with different types of chlorinating chemicals.

Mix with water only.

Do not add water to product—add product to water, but in case of fire drench with water.

Store under cover in a dry, clean, cool, well ventilated place away from sunlight.

Store and transport in an upright container.

In case of spillage flush with large quantities of water.

Safety Directions

Corrosive. Harmful if swallowed. Will damage the eyes. Product will irritate the eyes, nose, throat and skin. Avoid contact eyes, skin and clothing. Do not inhale dust or vapour. Ensure adequate ventilation when using. When opening the container, preparing and using the product wear goggles and half facepiece respirator with combined dust and gas cartridge for chlorine (or full face-piece respirator), chemical resistant clothing buttoned to the neck and wrist and washable hat, elbow-length chemical-resistant gloves and impervious footwear. Wash hands after use. After each day's use, wash contaminated clothing, gloves, goggles, footwear, and respirator and if rubber wash with detergent and warm water.

First Aid Instructions

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Chloramine 1000 g/kg products:

Refer to Warning Statements, Safety Directions and First Aid Instructions on the product label, and wear the PPE outlined above.

Attachment 1

Formaldehyde 400 g/L products:

Safety Directions

Poisonous if absorbed by skin contact or inhaled or swallowed. Corrosive. Attacks eyes. Will irritate the nose and throat and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening the container, preparing and using the product wear goggles and half facepiece respirator with combined dust and gas cartridge for formaldehyde (or full face-piece respirator), chemical resistant clothing buttoned to the neck and wrist and washable hat, elbow-length chemical-resistant gloves and impervious footwear. Wash hands after use. After each day's use, wash contaminated clothing, gloves, goggles, footwear, and respirator and if rubber wash with detergent and warm water.

First Aid Instructions

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Remove from contaminated area. Apply artificial respiration if not breathing. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Glutaraldehyde 150 g/L and Quaternary Ammonium Compound 100 g/L products:

Safety Directions

Poisonous if absorbed by skin contact or inhaled or swallowed. Corrosive. Attacks eyes. Will irritate the nose and throat and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening the container, preparing and using the product wear goggles and half facepiece respirator with combined dust and gas cartridge for glutaraldehyde (or full face-piece respirator), chemical resistant clothing buttoned to the neck and wrist and washable hat, elbow-length chemical-resistant gloves and impervious footwear. If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use, wash contaminated clothing, gloves, goggles, footwear, and respirator and if rubber wash with detergent and warm water.

First Aid Instructions

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Attachment 1

Sodium hydroxide 400 g/L products:

Warning Statements

Corrosive.

May produce severe burns.

Attacks skin and eyes.

Wear eye protection when mixing or using.

Wear protective gloves when mixing or using.

Do not mix with hot water.

Safety Directions

Product is poisonous if swallowed. The product is alkaline. Avoid contact with eyes and skin and clothing when preparing. When opening the container, preparing and using the product wear goggles, chemical resistant clothing buttoned to the neck and wrist and washable hat, elbow-length chemical-resistant gloves and impervious footwear. Wash hands after use. After each day's use, wash gloves, goggles and contaminated clothing.

First Aid Instructions

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Sodium hypochlorite 125 g/L products:

Warning Statements

WARNING—vapour may be harmful.

Avoid contact with eyes.

Avoid contact with skin.

Safety Directions

Corrosive liquid. Harmful if swallowed. Will damage the eyes. Product will irritate the eyes, nose, throat and skin. Avoid contact eyes, skin and clothing. Do not inhale vapour. Ensure adequate ventilation when using. When opening the container, preparing and using the product wear goggles and half facepiece respirator with combined dust and gas cartridge for chlorine (or full face-piece respirator), chemical resistant clothing buttoned to the neck and wrist and washable hat, elbow-length chemical-resistant gloves and impervious footwear. Wash hands after use. After each day's use, wash contaminated clothing, gloves, goggles, footwear, and respirator and if rubber wash with detergent and warm water.

First Aid Instructions

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.