



CHANDRITE

Perforce 500

Residual Insecticide



PRODUCT TECHNICAL BROCHURE

PRODUCT DETAILS

Active Constituents:

Inert ingredients:

Formulation type:

Mode of Action:

Target Pests:

Permethrin 500g/L Emulsifiable Concentrate

SOLVENT + Emulsifiers

SOLVENT BASED FORMULATION FOR DILUTION WITH WATER

CONTACT AND RESIDUAL

Broad range of insects including; Auger Beetles, Powder Post Beetles, Pinhole Borers, Furniture Beetles, Termites, Quarantine Timber Insect Pests Ants, Cockroaches, Fleas, Spiders, Silverfish, Moths, Mosquitoes, Biting Flies Lawn Armyworm

APVMA Registration Number: 63797

PRODUCT SITUATIONS

- Felled logs, poles, posts and sawn timber
- Remedial treatment of timber in buildings
- Sawn and round timbers for treatment by vacuum impregnation
- Household and industrial situations
- Lawns, ovals, amenity areas
- Repellent treatment of clothing of ADF personnel in accordance with the Australian Defence Force



Consistent Quality Products result in less re-claim calls and more PROFIT\$



Sherwood Chemicals Australasia Pty Ltd
 ABN 35 105 693 630
 Level 3, 1050 Hay Street WEST PERTH 6005
 AUSTRALIA
 Email: contact@sherwoodchemicals.com.au
 www.sherwoodchemicals.com.au



Globe Australia Pty Ltd
 ABN 75 001 429 714
 Tel: 1800 244 300
 Email: sales@globeaustralia.com.au
 www.globeaustralia.com.au



CHANDRITE

Perforce 500

Residual Insecticide

DIRECTIONS FOR USE:

Situation	Pest	State	Rate	Critical Comments
Felled logs, poles, posts and sawn timber	Auger beetles (Family: Boreidae), Termites (Family: Termitidae), Pinhole borers (Family: Platypodidae), (Family: Arhididae)	All States	20 mL/10 L diesel, light oil or water	1. Log, posts and poles (especially when newly fallen or freshly peeled) use Knapsack or Power Sprayer at 200 mL per m ² . 2. Sawn timber apply at 1 L per 20m ² of surface area. Applicable only to surfaces which will absorb the solution. Hence varnished, painted or polished surfaces need to be sanded down to ensure penetration of the solution. Apply at 1/20m ² of surface area or to the point of run-off. Dil damaged areas and inject solution until timber is unable to absorb more liquid. Then all timber surfaces must be thoroughly expulson of fias) for maximum effect. A single application may be sufficient. Continued expulson of fias may be due to movement of timber.
Remedial treatment of timber in buildings	Drywood termites, Powder post beetles, C. brevis, C. domesticus	QLD, NSW, NT only	4g mL/10 L creosote, light oil or kerosene	1. Calculate uptake of suitable diluent sp. White spirit/100 kg of timber. 2. Dilute Chandrite Perforce 500 Residual Insecticide in white spirit as calculated above. 3. Apply to timber through vacuum treatment equipment in accordance with manufacturer's directions 4. Ensure amount of white spirit uptake equals that calculated in 1.
Sawn and round timbers for treatment by vacuum impregnation	Powder post beetles, Furniture beetles	All States	12 mL/100kg timber	1. Calculate uptake of suitable diluent sp. White spirit/100 kg of timber. 2. Dilute Chandrite Perforce 500 Residual Insecticide in white spirit as calculated above. 3. Apply to timber through vacuum treatment equipment in accordance with manufacturer's directions 4. Ensure amount of white spirit uptake equals that calculated in 1.
Groundline treatment of power poles	Subterranean termites (including copolymeres)	QLD, NSW, VIC, SA, WA, NT only	4g mL/100 kg timber	1. Calculate uptake of suitable diluent sp. White spirit/100 kg of timber. 2. Dilute Chandrite Perforce 500 Residual Insecticide in white spirit as calculated above. 3. Apply to timber through vacuum treatment equipment in accordance with manufacturer's directions 4. Ensure amount of white spirit uptake equals that calculated in 1.
Sawwood and round manufacture	Subterranean termites (including copolymeres) (except formana)	All States, South of tropic of Capricorn except formana	4g mL in 10 L creosote or 100mL in 10 L process oil	Excavate 30 cm around pole to a depth of 30-40 cm. Apply 5 L of mixture to the pole at ground level and puddle the liquid with remaining 5 L.
Processing and manufacture of softwood plywood	Subterranean termites (including copolymeres) (except formana) Timber beetles	QLD, NSW, VIC, SA, WA, NT only	0.5g mL/kg (gives 0.3 g permethrin/25.75m ²)	Dilute as required for metered addition into the glue. Add sufficient Chandrite Perforce 500 Residual Insecticide to treat weight of the fibre component only of the board.
Processing and manufacture of softwood plywood for export in compliance with DPE	Termites (including Copolymeres, acanthotermes, Mesotermes, drywood termites, Quarantine timber insects)	QLD, NSW, VIC, SA, WA, NT only	300 mL/m ² dry veneer (gives 180 g permethrin/25.75m ²)	1. Calculate the uptake of solution by veneers traversing a shallow dip bath. 2. Dilute as required to ensure the mean target application of Chandrite Perforce 500 Residual Insecticide in white spirit as calculated above. Veneers will vary hence the average uptake should be assessed rather than of individual veneers on the basis of shift or daily throughout.
Processing and manufacture of softwood plywood for export in compliance with DPE in cargo containers	Termites (including Copolymeres, acanthotermes, Mesotermes, drywood termites, Quarantine timber insects)	All States	200 mL/m ² dry veneer (gives 120 g permethrin/25.75m ²)	1. Calculate the uptake of solution by veneers traversing a shallow dip bath. 2. Dilute as required to ensure the mean target application of Chandrite Perforce 500 Residual Insecticide in white spirit as calculated above. Veneers will vary hence the average uptake should be assessed rather than of individual veneers on the basis of shift or daily throughout.
Industrial situations	Hits, cockroaches, fleas, spiders, silverfish	All States	50 mL/10 L of light oil or water	All dilutions should be applied to the point of run-off. This is, at the rate of 5 L of prepared spray per 100 m ² depending on the porosity of the sprayed material. Porous surfaces such as brick, cement, concrete, masonry, etc. absorb the spray and hence more spray is needed to deliver the required surface deposit. Spray in cracks, crevices and other insect haunts.
Aircraft	Cockroaches, moths, beetles	All State	Initial: 200 mL in 5 L water Residual: (Monthly) 100 mL in 5 L water	Apply to carpets and other fabrics at 25 mL spray/m ² per m ² and to other surfaces at 10 mL spray/m ² per m ² .
Repellent treatment of fabric (including clothing of ADF personnel and mesquite nets)	Mosquitoes, biting flies	All State	(i) 15 mL in 500 mL of water (ii) 15 mL in 2 L of water	The dilution rate depends on the water uptake rate of the material. Dip thoroughly for two minutes, drain then dry, preferably laid flat on a non-absorbent surface. Mesh should not be hung up to drain.
Repellent treatment of clothing of ADF personnel in accordance with the Australian Defence Force	Mosquitoes, biting flies	All State	12 mL/L of water	Dip treat for two minutes, pre-dry on a horizontal non-absorbent surface before hanging up to dry to prevent excessive dripping
Lawns, ovals, amenity areas	Lawn armyworm (Spodoptera maurina)	QLD, NSW only	100-200 mL/200 L Water (100 L of water) 10 mL/100 L Argal 600	Apply at first sign of damage as and when required.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

"Consistent Quality Products Through Quality Process Management"



Sherwood Chemicals Australasia Pty Ltd
 ABN 35 105 693 630
 Level 3, 1050 Hay Street WEST PERTH 6005
 AUSTRALIA
 Email: contact@sherwoodchemicals.com.au
 www.sherwoodchemicals.com.au