



Technology DRDO 0232: Wool Care

Wool care is ready to use insecticidal sprays used as moth proofer of woolen textiles and clothing from all types of wool damaging insects both beetles and moths. The product has been accepted by defense services. A ready- to-use spray formulation 'Wool Care' is developed for already made woolen garments for protection in storage. Wool care sprays repel the wool pests.

The innovation is ready to use safe insecticidal spray for moth proofing / beetle proofing to protect carpets and woolen textiles including wool-synthetic blends from insect damage by clothes moths and carpet beetles. The formulation can be adopted at various manufacturing stages without disturbing protocol. It is effective against both beetles and moths and very effective throughout the service life of fabrics. Its effect last beyond 10 washes (dry cleanings).

The innovation is very effective in providing complete and durable protection to the woolen textile and clothing, fur and feather lined clothes, and upholstery furniture.

Spray formulation of this technology does not produce bad and harmful smell after application. One application of spray is enough to protect woolen items throughout their storage from all wool pests. Further, sprayed woolen items remained protected even if left unattended for long period. Spray does not produce any coloring or discoloring of woolen items after application. Spray protects items even usage such as carpet, rugs and upholstered furniture.

Development Status

- Fully tested and ready for commercialization.

IP Status

- A patent, number 189729, was received in India.

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