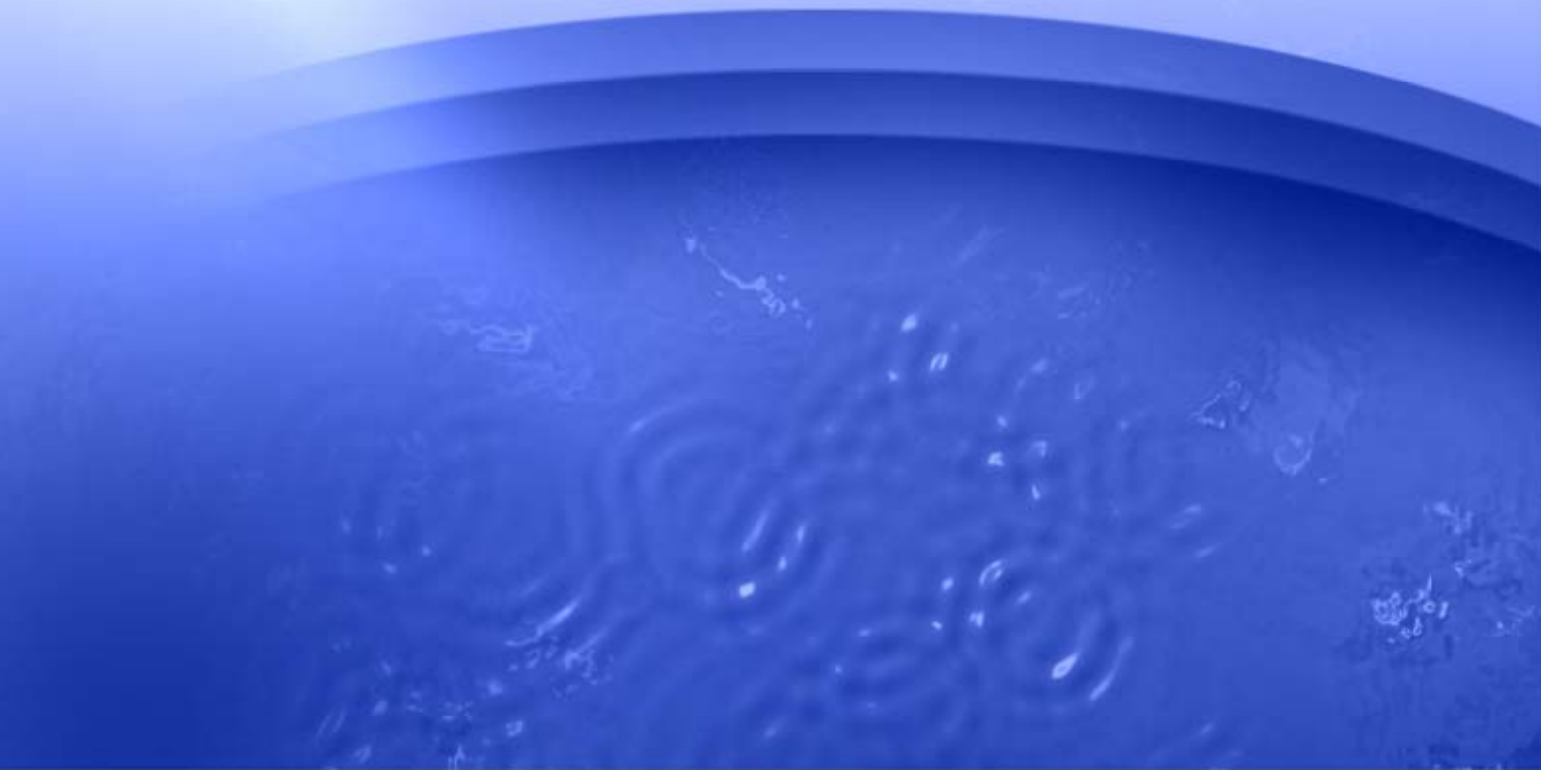


Mystox MP

Advanced protection for wool



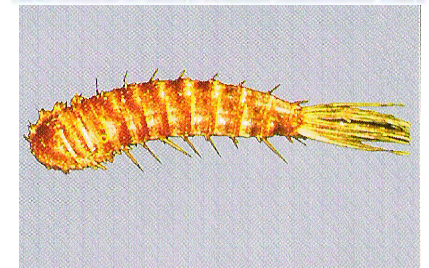
Mystox MP - the key benefits

- Contains a very effective insecticide which controls moth and beetle attack
- Does not contain permethrin or other synthetic pyrethroids
- Lower environmental impacts
- Flexibility of application
- BPD support



Insect-resist agents

- Also known as mothproofing agents
- Used to control attack of wool and wool-blend carpets and textiles by beetles and moths
- Yarns are normally treated in dyebath or by continuous application
- Carpets can be treated using specialist foam application machinery
- Treatment should provide protection for the lifetime of the carpet

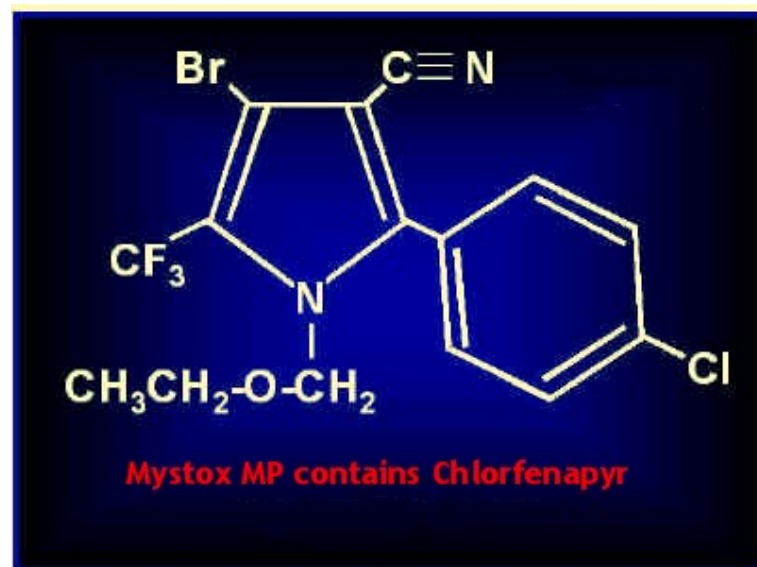


Synthetic pyrethroids

- Group of synthetic chemicals with insecticidal properties
- First developed for agricultural applications in the 1960s
- Permethrin used in wool treatment for over 20 years
- Insects have increasingly developed resistance
- Increasing environmental impacts
- Growing concerns on the continued use of synthetic pyrethroids in wool processing

Mystox MP - a new approach

- Based on chlorfenapyr
- A new type of pyrrole insecticide and acaricide
- Dual function of contact insecticide and stomach poison
- Fully supported under EU Biocidal Products Directive
- Registered in over 40 countries
- Lower environmental impact than permethrin



Mystox MP - methods of application

- Can be applied by all commonly used methods
- Dyebath application
 - Apply at pH 6.0 or below
 - Compatible with dyestuffs commonly used in wool dyeing
- Continuous application
 - Final bowl of tape scour range
 - Mini-bowl of Chemset machine
- Foam application



Effluent treatment

- Mystox MP has a high affinity for wool
- High exhaustion rates are usually obtained
- Spent dyebath liquors may require treatment to remove chlorfenapyr prior to discharge
- Catomance has developed a simple to use and effective treatment for removing chlorfenapyr residues



**For more information, visit our website at
www.catomance.co.uk**

Mystox is a Registered Trade Mark of Catomance Technologies Ltd

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