



Mystox MP - Some common questions and answers

Q. How is Mystox MP applied?

A. Mystox MP has been designed to be suitable for use in dyebath application (yarn and loose stock), in continuous application methods using tape scour machines or the WRONZ Chemset machine and by foam application.

Q. What are the optimum application conditions?

A. In dyebath treatment, Mystox MP should be applied at pH 6.0 or below and should be added to the dyebath after other chemical additions have been made. Commonly used liquor ratios are suitable for Mystox MP application. Mystox MP is compatible with the usual range of dyestuff types used in wool dyeing, including acid levelling, pre-metallised and reactive dyes. For continuous application, Mystox MP should be metered in its concentrated form into the final bowl of a tape scour range or into the mini-bowl of a Chemset machine.

Q. How effective is the treatment?

A. At the recommended application levels, Mystox MP has been shown to effectively control beetles and moths which commonly attack wool and wool-blend carpets.

Q. Does Mystox MP contain permethrin?

A. Mystox MP does not contain permethrin or any other synthetic pyrethroid

Q. Will Mystox MP treatment control dust mites?

A. As well as controlling beetles and moths, Mystox MP also provides some control of house dust mites, inhibiting the production of allergens which may trigger asthma and other allergic conditions.

Q. Will carpet cleaning affect the properties of the treatment?

A. Tests carried out by Canesis using their industry-recognised method TM-28 have shown that the Mystox MP treatment has good fastness to cleaning procedures that are recommended for wool carpets.

Q. What is the environmental impact of Mystox MP?

A. The insecticide used in Mystox MP is chlorfenapyr, a modern active ingredient with low environmental impact. An environmental risk assessment shows that Mystox MP is up to 30 times less toxic to fish and aquatic organisms than the commonly used synthetic pyrethroid-based insect resist agents.

Q. Is Mystox MP safe to handle?

A. As when handling most chemicals, suitable gloves and eye protection should be worn when handling Mystox MP in its concentrated form.

Q. What is the BPD position?

A. Mystox MP contains the insecticide chlorfenapyr which is being fully supported in this application under the European Union's Biocidal Products Directive.

Q. Is the active ingredient in Mystox MP registered?

A. Chlorfenapyr is registered in over 40 countries across the World.

Q. How can effluent be treated?

A. Mystox MP has a high affinity for wool and high exhaustion rates are usually found when the product is applied. Spent dyebath liquors and other aqueous effluents may require treatment to remove chlorfenapyr residues prior to discharge to drains and waterways. Catomance has available a simple to use treatment which is very effective in removing chlorfenapyr residues.

For more information on Mystox MP see our:

- [Technical literature](#)
- [Material Safety Data Sheet](#)
- [Presentation: Mystox MP - Advanced Protection for Wool](#)

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