

MYSTOLENE ALUMINIUM TRIFORMATE SOLUTION

Textile Auxiliary Product Data

Composition

Aqueous solution of Aluminium Triformate.
Typical properties:

| | |
|--------------------------------|-------|
| AL ₂ O ₃ | 11.5% |
| Formates | 30.6% |
| Chlorides | 3.9% |
| Sulphates | NIL |
| Density | 48 TW |
| pH | 3.8 |
| Total Solids | 33.0% |

This information does not constitute a specification.

Description

Colourless liquid with slightly turbid appearance.

Suggested Uses

Mystolene Aluminium Triformate is used as an ingredient in water-repellent finishes for textiles, e.g. in two bath treatments which rely upon the formation of insoluble aluminium soaps.

Mystolene Aluminium Triformate solution may also be added to treatment baths containing water-repellent formulations such as Mystolene WEW to enhance the water-repellent effect. Concentrations of 0.5-1% are normally suggested for this application.

Storage

Mystolene Aluminium Triformate solution has a limited stability and will slowly precipitate insoluble aluminium compounds on storing. This precipitation is accelerated by warmth and conversely is retarded by storage at low temperatures. This product should therefore be stored under the coolest practical conditions and in any case should not be kept for more than three months.

Some precipitation may occur within this time but provided this has not progressed too far and the solution is stirred before use this will not normally detract from its performance. However, if supernatant liquor is taken off without stirring the contents, this liquor may be low in aluminium content.

Handling

Mystolene Aluminium Triformate presents no particular toxic hazard. It does, however, contain formic acid and therefore in the concentrated form should be handled with care, i.e. gloves and eye protection should be worn. In the case of contamination of eyes or skin, wash with plenty of clean water.

See product Safety Data Sheet for further information.