TOWALEX MB 15 6% is a synthetic multipurpose foam concentrate based upon fatty alcohols, alkyl sulphates and butyl carbitol. Many fire tests during test programs have shown that it forms a stable foam blanket on burning non-polar solvents. It also forms stable low, medium and high expansion foam which rapidly fills large spaces.

TOWALEX MB 15 6% foam concentrate can be used to produce foam with expansion ratios ranging from 50:1 to 1000:1 depending upon the type of generator and its operating pressure.

When used with medium or high expansion generators, recommended proportioning is at 6% (6% = 6 litres of TOWALEX MB 15 6% with 94 litres of water).

The performance of TOWALEX MB 15 6% foam concentrate when used at high expansion will vary depending upon the performance characteristics of the equipment. Expansion ratios through high expansion generators typically are between 200:1 and 1000:1. For this reason, it is important for the proper design of a high expansion system that the TOWALEX MB 15 6% foam concentrate be specifically tested with the foam generators.

Medium expansion foam generators typically deliver expansion ratios between 50:1 and 200:1.

TOWALEX MB 15 6% is compatible with all foam-compatible dry chemical extinguishing powders. Sea water can be used without an increase in the application rate.

Tyco Park / Grimshaw Lane / Newton Heath / Manchester / M40 2WL
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Storage and Shelf Life

TOWALEX MB 15 6% has an operational temperature range of –12°C and +60°C. Limited exposure to temperatures above +60°C does not affect the firefighting performance.

When stored in the packaging supplied (polyethylene drums or cans) or in equipment recommended by the manufacturer as part of the foam system and within the temperature limits specified, the shelf life of TOWALEX MB 15 6% Concentrate is about 20-25 years.

The factors affecting shelf life and stability for SKUM foam agents are discussed in detail in our Technical Bulletin for storage recommendation.

If the product is frozen during storage or transportation, the concentrate should be thawed and used without any degeneration of the performance.

Safety and Handling

See our corresponding “Material Safety data sheet”.

Eco-Toxicology and Disposal

TOWALEX MB 15 6% is environmentally safe and rapidly biodegradable.

TOWALEX MB 15 6% does not contain any fluorosurfactant and can be as such considered as a fluorine free foam.

For more information, please email info@skum.com

Quality Assurance

TOWALEX MB 15 6% – as with all TYCO Products is subject to very stringent quality controls throughout all stages of production, from incoming raw to the complete product and is manufactured in an ISO 9001:2008 controlled facility. Quality assurance is therefore guaranteed.

Typical Properties at 20°C

- **TOWALEX MB 15 6%**
  - Fire Classes: A and B
  - Shape and colour: Pale yellow, clear liquid
  - Smell: Characteristic, surfactant-alike
  - Density (20°C): 1.05 ±0.02 [g/ml]
  - pH (concentrate, 20°C): 7.0 ±0.5
  - Viscosity 20°C: 5.0 ±2.0 [mm²/s]
  - Sediment (EN 1568): ≤ 0.1 [%]
  - Admixing ratio: 6 [% Vol.]
  - Expansion Ratio: ≥ 9.0
  - Drain Time 25%, (20°C, EN 1568-3): ≥ 6:00 [min:s]
  - Drain Time 50%, (20°C, EN 1568-3): ≥ 11:00 [min:s]
  - Expansion: Low, Medium, High
  - Freezing Point: ≤ -17 [°C]
  - Pour Point: ≤ -15 [°C]
  - Recommended storage/Usage temperature: -12 to +60 [°C]

Ordering Information

TOWALEX MB 15 6% can be supplied in cans, drums, totes or Bulk (contact us for Bulk delivery details).

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>F206130C2</td>
<td>20 Litre can</td>
</tr>
<tr>
<td>F206130C3</td>
<td>20 Litre DIN can</td>
</tr>
<tr>
<td>F206130C1</td>
<td>25 Litre can</td>
</tr>
<tr>
<td>F206130D1</td>
<td>200 Litre drum</td>
</tr>
<tr>
<td>F206130T1</td>
<td>1000 Litre tote</td>
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<tr>
<td>F206130B1</td>
<td>Bulk</td>
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