

Date: 19<sup>th</sup> March 2012

## SPECIFICATION

### Product: RENEX MX

**Performance: HIGH PERFORMANCE FIREFIGHTING POWDWER FOR CLASS B, C and E FIRES.**

**HEAVY DUTY APPLICATIONS – SUITABLE FOR USE IN REFINERIES, MILITARY, AIRCRAFT CRASH & RESCUE,**

**Active ingredient: POTASSIUM ALLOPHONATE (POTASSIUM CARBAMATE) – a chemical complex formed by the reaction of Potassium Bicarbonate and Urea**

**APPROVALS: UL LISTED and meets the requirements of EN 3, EN 615 and UK Def 42-40**

<i>Parameter</i>	<i>Specification</i>	<i>Method</i>
For type of fire	B, C, E	UL 299
Potassium Allophonate	>70%	By titration
Appearance	Free flowing powder	
Apparent density	> 0.6 g/ml	Fomtec 0101/R0/0805
Moisture	< 0.2%	Fomtec 0106/R0/0805
Water repellancy	> 2 hours	Fomtec 0104/R0/0805
Hygroscopicity	< 2.5%	Fomtec 0107/R0/0805
Caking and lumping	No sign of lumps	Fomtec 0103/R0/0805
Flow test	> 50 gm/sec	Fomtec 0105/R0/0805
Particle size Retained on each		Fomtec 0108/R0/0805 (EN615 / Annex B/ Method 1)
355µ	Nil	
125µ	< 17%	
63µ	< 25%	
40µ	< 25%	
Pan	>40%	
Temperature stability	-60C to +55C	
Shelf life	> 10 years	

