
ASSESSMENT OF PROTECT EXTRA and PROTECT FOGGER

Protect Fog Fluid is a proprietary mixture of non-hazardous ingredients that is used in artificial smoke or fog machines. Fog machines work by pumping small amounts of the Fog Fluid over a heat exchanger, where the fluid vaporised and leaves the machine. Upon exiting the fog machine and mixing with cooler outside air the vapor condenses, resulting in a thick visible fog.

The Protect Fog Fluid primarily consists of Propylene Glycol, Triethylene glycol and water. Propylene glycol is a low toxicity compound widely used as a food additive, in pharmaceutical preparations and in cosmetics. Triethylene glycol is used in air sanitisers and industrial applications.

Propylene Glycol and Triethylene glycol are not classified as hazardous in Australia or New Zealand. There is also no exposure standard listed in the Safe Work Australia Workplace Exposure Standards for Airborne Contaminants or the Worksafe New Zealand Workplace Exposure Standards and Biological Exposure Indices.

Artificial fogs have been used for many years in the entertainment industry and are considered to be safe. There is potential for mild respiratory and eye irritation for some individuals exposed to high concentrations of artificial fog. Fog residues on surfaces will readily evaporate over a period of hours or days.

Handling and use of Protect Fog Fluid should be in accordance with the manufacturers recommendations and the Safety Data sheet. When handling the Protect fog fluid care should be taken to avoid skin and eye contact or ingestion of the fluid. Hands should be washed with soap and water following handling activities.

Should you require any additional information please don't hesitate to contact us.

Regards



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Control One

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