

## TECHNICAL SPECIFICATIONS

### Freeze Fire ISI marked Dry Chemical Powder

#### Sodium Bi Carbonate Based

Typical physiochemical properties as per IS: 4308:2003

Sodium Bi Carbonate: 90%

Apparent density	As per IS: 4308:2003
Moisture content	Less than 0.25%
Particle size	As per IS: 4308:2003
Corrosion & abrasion effect	Non corrosive or abrasive
Temperature stability range	-60°C to +55°C
Appearance	White
Packing	5/10/50 Kg Hermetically sealed bags
Storage	-5°C to +50°C
Effective Period	3 Years

### Freeze Fire ISI Marked Dry Chemical Powder

#### Potassium Bi Carbonate Based

##### Application

This is based on potassium bicarbonate. It is generally considered that, for powders of similar particle size distribution, those based on potassium bicarbonate are about one and a half times more effective than those based on sodium bicarbonate. This is due to the larger size of the potassium ion.

#### HIGHEST EFFICIENCY IN EXTINGUISHING BCE FIRES

Typical physiochemical properties as per IS: 4308:2003

Potassium Bi Carbonate: 90%

Apparent density	As per IS: 4308:2003
Moisture content	Less than 0.25%
Particle size	As per IS: 4308:2003
Corrosion & abrasion effect	Non corrosive or abrasive
Temperature stability range	-60°C to +55°C
Appearance	White
Packing	5/10/50 Kg Hermetically sealed bags
Storage	-5°C to +50°C
Effective Period	3 Years

### Freeze Fire ISI marked Dry Chemical Powder

#### Mono Ammonium Phosphate Based

##### Application

Designed for use against practically against all Classes of fires ABC, this powder based on Mono ammonium phosphate.

Typical physiochemical properties as per IS: 14609:1999

Mono Ammonium Phosphate: 60%

Apparent density	As per IS: 14609
Moisture content	As per IS: 14609
Particle size	As per IS: 14609
Corrosion & abrasion effect	Non corrosive or abrasive
Temperature stability range	-60°C to +55°C
Penetration	As per IS: 14609
Appearance	Yellow
Packing	5/25 kg Hermetically sealed bags



**Fire Safety Devices Pvt. Ltd.**

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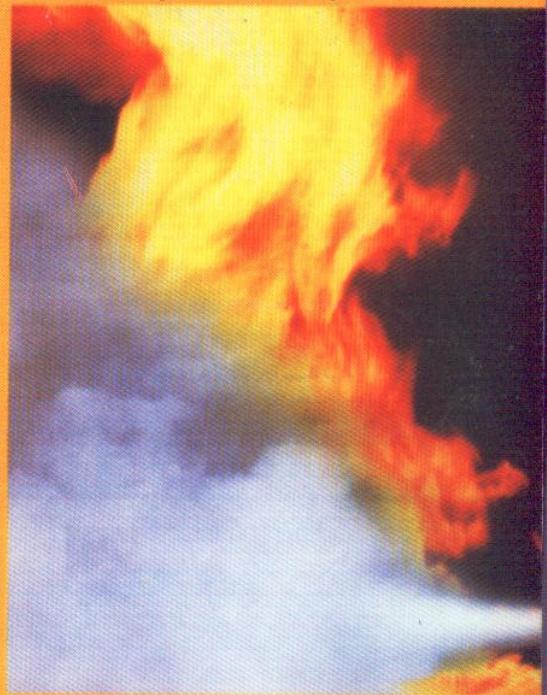
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ISO 9001  
APPROVED

# Freeze Fire

## Dry Chemical Powder

*Well Begun is Half Done ...*



**FSD** has setup ISO 9001 quality assurance and control system. All dry chemical powders manufactured are **ISI marked**. The products have been developed for high performance in the heat of battle. The company prides itself on customer service that provides prompt response and delivery. Each production batch is quality tested for its physical properties and extinguishing power..

**FSD** goal is to be a leader in effective, environmentally safe fire extinguishing products. The company operates an in house laboratory where the highly professional team of chemist and scientist has created number of innovative products. FSD can customize production and products to the customer requirement.