

**IFP FIREKIL SBC****BC Dry Chemical Powder  
(with Sodium Bicarbonate)****DESCRIPTION**

**IFP FIREKIL SBC** is an efficient BC type dry chemical extinguishing powder.

- It is based on sodium bicarbonate.
- The active ingredient is mixed with additives for improving its fluidity and making it weather resistant.
- It is compatible with Protein Foam, AFFF and AR-AFFF foam.

**APPLICATION**

**IFP FIREKIL SBC** is an efficient extinguishing agent for class B and C fires. It is suitable for combustible liquids and burning gases. It can also be applied on fires involving energized electrical equipment. It is not appropriate for extinguishing metal fires.

It may be used in both, hand portable and wheeled extinguishers, vehicles and fixed systems. As propellant, compressed air, nitrogen or carbon dioxide may be used.

**TOXICITY**

It is non toxic and harmless to human and animal bodies. Extensive tests have indicated that in normal application no detrimental effect will be experienced.

**STORAGE AND SHELF LIFE**

**IFP FIREKIL SBC** is formulated for not being affected by long term storage; it may last up to five years without losing its typical characteristics. However, the powder's integrity depends on the prevalent storage conditions. It is highly recommended to store in temperature < 50°C dry places (< 75% relative humidity), avoid sudden weather conditions changes, do not stack the pallets, handle the packages with care and maintain the product in its original, tight sealed packaging until use.

**STANDARD PACKING**

Standard packing are in 5 kgs./10 kgs./25 kgs./50 kgs. (net wt) hermetically sealed polyethylene bags. For safe transportation these bags may be packed in mild Steel Drums / High Density Polythene Drums of suitable sizes if required by Customer.

**STANDARDS**

Bureau of Indian Standard (IS 4308:2003)

## PHYSICAL AND CHEMICAL PROPERTIES

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	
Appearance	Free Flowing Powder	
Colour	White	
Sodium bicarbonate content, Min.	90%	
Apparent Density gm/ml	0.85 to 1.10	
Particle size distribution	Min	Max
0.425 mm		0%
0.150 mm	0%	2%
0.075 mm	0%	10%
0.045 mm	10%	35%
<0.045 mm	53%	90%
Moisture Content, Max.	0.25%	
Water Repellency, Min.	98.5%	
Fluidity, gm/sec, Min.	50	

## APPROVALS

BIS Marked

*Due to continuous r&d work, effects of product improvements are incorporated as & when required*

**Contacts in Emergency : +919903914042; +919903973900**

## Integrated Fire Protection Pvt. Ltd.

60A, Pandit Madan Mohan Malabya Sarani, Kolkata - 700 020 INDIA  
Phone : (91) (33) 2454-1061, 2475-5634, Fax : (91) (33) 2476-1107, 2283-1331  
E-mail : [integratedfire@gmail.com](mailto:integratedfire@gmail.com)  
[www.integratedfire.net](http://www.integratedfire.net)