

# TECHNICAL DATA SHEET



## DRY CHEMICAL POWDER – BC TYPE

**Brief description:** PalEx DCP-SBC / PBC is multipurpose dry powder for fire fighting. It's a Sodium / Potassium Bi Carbonate based Powder that treated with different type additives to make the powder free flowing & moisture repellent.

### 1. GENERAL DATA :-

|                   |                               |
|-------------------|-------------------------------|
| Trade Mark/Brand  | “PALEX”                       |
| BIS Standard Code | IS 4308:2019                  |
| Type              | Dry Chemical Powder SBC / PBC |



### 2. FEATURES :-

- It is Sodium / Potassium Bicarbonate based powder
- It is free flowing & moisture resistant
- Suitable for B & C class fires.

### 3. APPLICATIONS :-

PalEx SBC / PBC powder is suitable for use in all types of portable fire extinguishers, as well as for mobile extinguishers and fixed installations. Dry propelling agents such as nitrogen or carbon dioxide can be used. It is multipurpose extinguishing powder which is used to combat with Class-B fires involving non-polar fuel & polar fuel and Class-C fires involving energized electrical equipment. Specific applications include refinery, textile etc. SBC / PBC based BC agent is much more effective extinguishing agent.

#### 4. TYPICAL PHYSICAL & CHEMICAL PROPERTIES :-

|                              |                           |
|------------------------------|---------------------------|
| Appearance                   | Free flowing white powder |
| SBC Content                  | $\geq 75\%$               |
| Apparent density             | 0.70-1.10                 |
| Free flowing characteristics | $\geq 50\text{gm/s}$      |
| Moisture Content             | $<0.5\%$                  |
| Water Repellence             | $<1.5\%$                  |
| Fire performance             | Passes                    |

#### 5. MARKING & APPROVAL :-

BIS (BUREAU OF INDIAN STANDARD)

**PALLADIUM SAFETY SOLUTIONS PVT. LTD.**

An ISO 9001 : 2015 Certified Company

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