

# PRODUCT DATA SHEET

## CLEANCO

### INTRODUCTION:

**CLEANCO** range of products are used for Covering, Protecting and Cleaning Copper and Copper-Zinc Alloys.

### PURPOSE:

In the melting of copper and copper-zinc alloys, the melt gets contaminated with oxides due to oxidation. It also picks up hydrogen gas from the furnace atmosphere which causes gas porosity. During the melting of copper zinc alloys, the problems of loss of zinc as zinc fumes and the formation of showers of zinc oxide in the air are usually faced. Cleanco Fluxes help to solve these problems. They minimize oxidation losses and suppress the fuming of zinc. They dissolve impurities from the melt and keep the metal clean.

### PROPERTIES:

Product	Colour	Appearance	Packing
Cleanco-1	Reddish Brown	Block form	25 kg C. box
Cleanco-8	Black	Powder	50 kg H. bag
Cleanco-44	Green	Powder	50 kg H. bag
Cleanco-49	White	Powder	50 kg H. bag

### INSTRUCTIONS FOR USE:

- Place the Cleanco-1 Blocks at the bottom of the hot crucible and charge the metal on top of them. Alternatively add Cleanco-44 or Cleanco – 49 powder to the melt at an early stage of melting. Leave the slag that forms intact until the crucible is withdrawn from furnace.
- Use 1 Block or 1Kg. powder Per 100 Kg of metal.
- In case of electric furnaces add Cleanco-49 in two stages. Add the major portion to a heel of metal from the previous melt and use the remainder for the final dressing off. Use 0.5Kg of Cleanco – 49 per 100Kg of metal
- Deoxidise the melt by suitable deoxidizing tubes.
- Skim and Pour.

### PRODUCT APPLICATION:

Cleanco-1	Crucible and Reverberatory Furnaces	Brazing Metals, Brass Gliding Metals
Cleanco-8	Crucible Furnaces	High conductivity Copper
Cleanco-44	Crucible and Electrical Furnaces	High conductivity Copper
Cleanco-49	Crucible Furnaces	High conductivity Copper

**Manufactured by:**

**ACME FOUNDRY FLUX CO.**

(An ISO 9001-2015 Certified Company)

264, HADAPSAR INDUSTRIAL ESTATE, PUNE - 411 013 INDIA

Contact: 9422036113 / 9209801514 E-mail: [marketing@acmefoundryflux.com](mailto:marketing@acmefoundryflux.com)