



## MI CuF

A cover flux developed for Copper base alloys. It is based on highly reactive hydrocarbons, which together act as a protective shield to prevent direct contact of atmospheric oxygen with molten copper metal/alloys.

### Advantages :

- ✓ Eliminates porosity resulting from gas entrapment in the metal
- ✓ Prevents slag related defects in castings
- ✓ Improves machining properties
- ✓ Maintains high fluidity of molten metal
- ✓ Scavenges dirt and other impurities from swarf and scraps
- ✓ Can be used in induction or oil/coke fired crucible furnaces

### Method of Use :

1. Mix 3% by weight (total charge qty.) of MI CuF to the borings and swarf before charging it into the furnace
2. Add about 0.75% by weight (total charge qty.) of MI CuF to the heel metal before charging scrap and alloys into the furnace
3. When the metal reaches 50% level in the furnace, add additional 0.75% by weight (total charge qty.) of MI CuF into the furnace
4. Finally when the metal reaches full capacity of the furnace, add additional 0.75% by weight (total charge qty.) of MI CuF
5. Follow regular degassing and oxidizing practice.
6. Skin the slag before tapping