

# CINKOTAL - 3

## FLUX AND REFINING FLUX FOR ZINC ALLOYS

### DESCRIPTION

**CINKOTAL-3** is a flux in the form of white flakes.

### ACTION

**CINKOTAL-3** is applied for protection and refining zinc and its alloys in all the types of furnaces, including hot-chamber diecasting machines. **CINKOTAL - 3** is efficient above 420°C, but the melt must not be heated above 460°C.

### INSTRUCTIONS FOR USE

At the beginning of the melting process we add around 0,5 % to 1,0 % of **CINKOTAL - 3**, depends on the weight of input. After melting process is finished we add another 0,3 to 0,5 % of **CINKOTAL - 3**. Impoverished powdery dross formed in refining is skimmed with a perforated tool.

In refining, **CINKOTAL-3** is plunged with perforated plunging steel bell to the bottom of the bath at the temperature of 420 to 460°C. In handling with the flux hands must be protected with gloves.

### PACKING

**CINKOTAL-3** is packed in natron bags with polyethylene sack at net 40 kg each, which are packed on the pallet at 1000 kg and covered with PVC foil, or by arrangement.

### STORING AND TRANSPORT

**CINKOTAL-3** must be transported in covered trucks or railway wagons, and it must be stored in covered stores.

According to the European regulations for international road transport of dangerous goods, **CINKOTAL - 3** is not a dangerous substance.

### PROPERTIES

Physical state	white flakes without any special odor
pH (10% R)	7 - 8,5
Consistency	0,9 – 1,0 kg/dm <sup>3</sup>
Na <sup>+</sup> content	10 - 14 %
MgCl <sub>2</sub> *6H <sub>2</sub> O content	62 - 68 %



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