



TECHNICAL DATA SHEET: **FERFLUX 06**

PRODUCT DESCRIPTION

FERFLUX 06 A is a general purpose blue coloured slag coagulating agent. The product is granular in appearance and expands on contact with molten slag/metal. In the process the surface tension characteristics of the slag changes thereby coagulating the entire mass. Loose floating slag can therefore be coagulated into larger masses and removed easily. The coagulated slag also functions as a insulating cover on the top of the molten metal.

HOW TO USE

When the metal is ready for being poured from the furnace to the ladle, **FERFLUX 06 A** may be sprinkled on the top of the furnace to coagulate the various floating masses of the slag into a single combined mass. This can then be skimmed off easily and only good metal can tapped to the ladle. Once the metal is tapped in the ladle further oxidation and rimming of molten metal generates additional slag. It is therefore necessary to sprinkle additional quantity of **FERFLUX 06 A** on the ladle to coagulate the additional slag. The coagulated slag can then be held back/removed with a skimming rod and thus facilitate flow of only good metal into the molds. Exact addition rate can be determined only through shop floor trials and will further depend upon ladle size, melting practices and type of scrap used.

INDICATIVE SPECIFICATIONS

FERFLUX 06 is blue coloured dry free flowing granular powder passing through -18 mesh and containing less than 1% moisture. **FERFLUX 06 A** has unlimited shelf life.

PACKING DETAILS

FERFLUX 06 A is supplied in 20kg HDPE bags. The product should be stored in a cool and dry place.



MATERIAL SAFETY DATA SHEET: **FERFLUX 06**

1. **CHEMICAL IDENTITY**
 Chemical Name : Metallurgical Flux.
 Chemical Classification : Naturally occurring mineral.
 Trade Name : FERFLUX 06 A
2. **PHYSICAL AND CHEMICAL DATA**
 Appearance : Blue coloured free flowing granules.
 Physical state : Granular powder
 Odor : Odorless
3. **FIRE & EXPLOSION HAZARD DATA**
 Flammability : No
 Auto Ignition Temperature : None
 Corrosive Material : No
 Explosive Material : No
4. **REACTIVITY DATA**
 Chemical Stability : Stable
 Incompatibility with : Non hygroscopic
 Other materials
 Hazardous reaction product : None
5. **HEALTH HAZARD DATA**
 Route of Entry : Skin
 Effects of Exposure : Constant exposure and inhalation cause mild irritation to the nose, eyes and skin. Wash the affected area with lot of water and consult a doctor.
6. **PREVENTIVE MEASURES**
 Personal protective equipment : Avoid direct contact with hands use gloves wherever possible..
 Handling & Storage precautions : Keep in a cool and dry place.
7. **EMERGENCY & FIRST AID MEASURES**
 Fire : Use water.
 Spillage : Sweep away the spilled material.
8. **HANDLING & DISPOSAL**
 Empty Bags : Never use empty bags for storing food stuffs or other materials meant for human and animal consumption. Empty bags may be sold as scrap or to HDPE recyclers approved by the State Pollution Control Boards.
9. **MANUFACTURER / SUPPLIER DATA**
 Name : Quality Technologies Private Limited
 Address : No.34, Rd. No.1, IDA Mallapur, Nacharam, Hyderabad – 500 076
 Telephone : 040 27153888, 27155828
 Fax : 040 27152567
 e-mail : info@qtecindia.com
10. **DATE OF INFORMATION** : 01.01.2008.

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