

# MasterCem<sup>®</sup> LS 3262

## Cement Enhancer Performance

### DESCRIPTION

**MasterCem LS 3262** is a chemically combined composition of ionic halides together with an organic chemicals compound which is both a tertiary amine and a triol, formulated specifically to improve the milling grindability for the production of Portland and other hydraulic cement types. High end raw materials are used in order to guarantee a superior performance of the product.

**MasterCem LS 3262** can be used for any type of milling process whether it is a horizontal ball mill or vertical roller mill applications. It is an effective grinding agent together with the enhancing property towards the cement compressive strength due to the promoted hydration reaction phases and improved Particle Size Distribution.

**MasterCem LS 3262** is compatible with all types of cement. It complies with ASTM C465-99 as a non-harmful processing additive.

### FEATURES AND BENEFITS

The advantages **MasterCem LS 3262**:

- Reduced cement agglomeration phenomenon for better grinding efficiency.
- Coating reduction-grinding media, internal liners, diaphragm, separator internal parts, rollers, grinding table, etc.
- Specifically designed to increase cement compressive strength at all ages especially towards the late compressive strength due to chemically and hydraulically improve reaction.
- Increased in cement mill output at the same cement fineness up to 15% depending on the raw materials quality supplied.
- Directly influence the production cost per ton of cement produced.

### CHARACTERISTICS

|                          |                 |
|--------------------------|-----------------|
| Appearance               | : Liquid        |
| Colour                   | : Darkish Brown |
| Shelf Life               | : 12 months     |
| pH                       | : 9.5 – 11.5    |
| Specific gravity (kg/L): | 1.00 – 1.10     |

### APPLICATION

#### Dispensing

**MasterCem LS 3262** can be added at the clinker feed conveyer belt or directly into the cement mill's first compartment. A proper dosing pump is required to ensure the correct dosage into the cement for obtaining the optimum performance. Our technical supports are available to provide assistance in the use of **MasterCem LS 3262** with the manual, automatic or computerized dispensing system.

### DOSAGE

**MasterCem LS 3262** is used at a recommended standard dosage rated by weight of cement. Individual dosage may vary due to different type of clinker, type of mill, desired results and job or task conditions. The recommended amount is **0.03 - 0.05 %** by weight of cement produced.

### PACKAGING

**MasterCem LS 3262** is supplied in 205L sealed drums, 1000L IBC tanks and bulk delivery

### SHELF LIFE

**MasterCem LS 3262** can be stored for 12 months if stored at temperatures above 5°C, in tightly sealed original packaging. If found to be frozen, thaw it at 20°C and reconstitute by stirring.

### PRECAUTIONS

**MasterCem LS 3262** is not a fire or health hazard. Spillages should be washed down immediately with cold water.

For detailed health, safety and environmental recommendations, please consult and follow all instructions in the product Material Safety Data Sheet.

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