

Non-Explosive Demolition Agent for SUPER LARGE HOLES!

BRISTAR LH

Taiheiyo Materials Corporation which has developed a non-explosive demolition agent first in the world has developed BRISTAR LH, a new type of non-explosive demolition agent for SUPER LARGE HOLES(max. 92mm of holes).

I. FEATURES

1. Available for SUPER LARGE HOLES (Hole diameter : 85mm – 92mm)
2. More powerful demolition
3. Saving cost and time for demolition
4. Low vibration, low noise and fly rock
5. Possible to demolish rock or concrete together with mechanical demolition methods such as with Giant Breakers, Rock Splitters, etc.

II. Kinds of BRISTAR LH

Kinds	Hole Diameter	Applicable temperature range of materials to be demolished	Temperature of BRISTAR LH	Temperature of water
BRISTAR LH 100	80 –92 mm	20 – 35°C (68 – 95° F)	max. 35°C (95° F)	max. 30°C (86° F)
BRISTAR LH 150		10 – 20°C (50 – 68° F)	max. 20°C (95° F)	max. 15°C (59° F)

III. How to use

1. 2 liters of water should be in a container for mixing.
2. 1 bag(10kg) of BRISTAR LH should be gradually added to the container, mixing with a mechanical mixer.
3. The BRISTAR LH should be thoroughly mixed with water with a mechanical mixer. The mixing time should not be beyond 2 minutes.
4. The mixed BRISTAR LH should be poured into holes just after mixing.
The mixed BRISTAR LH should be poured within 10 minutes after mixing work finished.
 - While pouring the mixed BRISTAR LH into the holes, do not put your face and body above the poured holes.
5. The holes filled with BRISTAR LH should be successively covered with sheets.
6. Never look into holes with BRISTAR LH until cracks occur.

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WARNING

Prior to handling BRISTAR LH, surely read the WARNING sheet inside the carton box of BRISTAR LH or the brochure for BRISTAR LH.

- Eyes or bodies may be injured with blown-out shots.
- The main component of BRISTAR LH is quicklime and is a high alkaline product.

1. In order to prevent blown-out shots.

- 1) Do not use BRISTAR LH beyond temperature range of material to be demolished, hole diameter, water temperature and temperature of BRISTAR LH.
- 2) BRISTAR LH of plural bags should not be mixed at a time.
- 3) BRISTAR LH mixed with water should be poured into holes within 10 minutes.
- 4) Do not leave BRISTAR LH in a mixing container. In case of disposing the mixed BRISTAR LH, the remaining BRISTAR LH should be diluted with much water, then disposed of on open ground.
- 5) Do not pour and leave BRISTAR LH in glass containers, cans, etc.
- 6) Do not tamp the entrance of the holes filled with BRISTAR LH with sand, mortar or any other materials.
- 7) Do not tamp the holes with a bar.
- 8) Do not use hot water.

2. In order to avoid accidents to be caused by the blown-out shots.

- 1) Protective Glasses, rubber gloves, mask and a hard hat should be worn whenever BRISTAR LH is handled.
 - 2) Do not look into holes filled with BRISTAR LH until cracks occur or for at least 10 hours.
 - 3) Do not stay near the holes filled with BRISTAR LH until cracks occur or for at least 10 hours.
 - 4) Do not stride over holes filled with BRISTAR LH during pouring work.
 - 5) Never get anyone close to holes filled with BRISTAR LH.
3. If BRISTAR LH gets into an eye, immediately rinse it off with clean water for more than 15 minutes and consult an ophthalmologist.
 4. If BRISTAR LH comes in contact with skin, rinse it off with water immediately since it irritates the skin.

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