

DELVO[®] STABILISER 10 WASH WATER SYSTEM

A CHEMICAL SYSTEM FOR THE STORAGE AND REUSE OF TRUCK MIXER WASH WATER AND FRESH CONCRETE.

Description of Product

The manufacture of ready-mixed concrete has always caused the problem of disposing of process waste, that is, ready-mix truck wash water and relatively small amounts of unused concrete.

Thanks to its ability of controlling cement setting times, the DELVO[®] system offers in the concrete manufacturing process the concept of "zero waste production": No more wash water from ready-mix trucks and no more unused fresh concrete to dispose of. DELVO[®] allows the reuse of all the wash water the next day or after a weekend, with no need for reclaimer units. Moreover, DELVO[®] allows unused fresh concrete to be kept inside the ready-mix truck and be reused the next day or after a weekend.

DELVO[®] STABILISER 10 WASHWATER SYSTEM is covered by British Board of Agreement Certificate No. 97/3374.

Fields of Application

- For the stabilisation of concrete mixer waste.
- For the stabilisation of reused or fresh concrete.

Features and Benefits

- Stabilisation and reuse of concrete wash water from ready-mix trucks overnight or over a weekend. Stabilised concrete wash water is reused as mix water in fresh concrete manufacture. In addition, it ensures better cleaning of the inside parts of ready-mix trucks. All this with no need for reclaimer or recycler units and ensuring a considerable saving, also of labour costs, both because less time is necessary for wash out

operations, and because fins need less frequent maintenance.

- Leftover fresh concrete can be held and reused overnight or over a weekend. Again, without requiring reclaimer or recycler units, thus providing considerable cost effectiveness thanks to the elimination of the operating costs of handling and disposal of waste.
- Eliminates environmental concerns about the disposal of wash out slurry or unused fresh concrete.
- Concrete obtained by the reuse of wash water and concrete treated with DELVO[®] STABILISER 10 WASH WATER SYSTEM provide equal or higher performances than reference concrete of equal composition.
- Allows environment conservation since it eliminates the presence of waste in the concrete manufacturing process, thus being beneficial both to the community and to the ready-mix producer's image.

Technical Data/Typical Properties

Colour	Pink
pH	1 - 2
Alkali Content (expressed as Na ₂ O equivalent)	1g/Ltr
Specific Gravity	1.08
Chloride Ion Content	<0.1% (w/v)

Application Procedure

Stabilisation and Reuse of Truck Mixer Wash Water: Truck mixers are generally washed by introducing a large amount of water into the truck agitator drums, mixing for several minutes and discharging the water into either costly recycler units or wash water pits.

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The DELVO[®] system, by the use of DELVO[®] STABILISER 10, together with the frequent use of the patented MBT drum washer throughout the working day, if delays of 30 minutes or more are encountered, is an effective and cost saving alternative. This system requires the introduction of the recommended dosage of DELVO[®] STABILISER 10 WASH WATER SYSTEM then a very low amount of water, 100 - 180 litres, into the mixer via the patented MBT drum washer.

Dosage

1 litre per truck if the water is reused after one night; 2 litres per truck for weekend stabilisation.

The truck mixer can now be parked for the night or weekend, with the treated wash water inside the drum. The following day, when a new mix must be prepared, mix water will be reduced by the amount already present in the mixer and recorded by the dispenser.

The nightmare of disposing of wash slurry is therefore completely eliminated simply by reusing all wash water thanks to DELVO[®] STABILISER 10.

Application

Full stabilisation overnight or weekend of truck mixer wash water, thus allowing the complete reuse of treated water; at the same time it ensures better cleaning of the inside parts of truck mixers than that obtained by traditional methods.

DELVO[®] STABILISER 10 should be used via a secure dispensing system, details of which are available from Feb MBT.

Packaging

Available in bulk and 205 litre drums.

Storage

Store away from direct sunlight at ambient temperatures and in dry conditions.

Shelf Life

12 months if stored in unopened containers in accordance to manufacturer's instructions.

Watchpoints

DELVO[®] STABILISER 10 WASH WATER SYSTEM is a corrosive liquid.

When handling DELVO[®] STABILISER 10 WASH WATER SYSTEM safety glasses and rubber gloves should be worn. In case Delvo. Stabiliser comes into contact with eyes, skin or clothing, immediately flush with plenty of water for 15 minutes. For skin, wash with soap and water. Wash contaminated clothing before reuse. Do not take internally. For further details refer to the Health and Safety datasheet.

DELVO® STABILISER 10 WASH WATER SYSTEM Feb MBT UK Version 1

Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Solvent Based Products

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

Powder Products

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

Spillage

Chemical products can cause damage; clean spillage immediately.

Disclaimer

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience.

However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed.

All products should be used in accordance with the Manufacturer's instructions. No responsibility can be taken by the manufacturer where conditions of use are beyond our control.

It is the responsibility of the user to obtain the most up-to-date datasheet which supersedes all previous literature.

For additional information or questions, contact your local Feb MBT representative.

[To view the Material Safety Data sheet click here](#)

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