

MasterRoc CLN 800

Liquid cleaning agent for agitator barrels and concrete residue

MATERIAL DESCRIPTION

MasterRoc CLN 800 is a ready for use liquid cleaning agent for the agitator barrels of concrete trucks. It has been developed to facilitate cost efficient and safe handling for cement cleaning applications.

MasterRoc CLN 800 is a unique liquid formulation based on organic salt technology, it performs like a strong acid but is non-corrosive to skin and most metals.

PACKAGING

MasterRoc CLN 800 is available in 1000 litre IBC.

FEATURES AND BENEFITS

- Fast & efficient removal of concrete and all cement based residues.
- Replaces dangerous acids commonly used in the readymix concrete industry with a nonhazardous material.
- Out performs all other "acid replacement" products.
- Very low odour level and non-fuming.
- **MasterRoc CLN 800** is 98% less corrosive to steel surfaces when compared with 33% hydrochloric acid.
- Unique detergency properties produce a streak free finish.
- Substantial decrease in cleaning agent induced corrosion.

TECHNICAL DATA*

Physical state: Liquid at 25°C

Colour	Yellow green
Odour	Odourless
pH	±1 at 25°C for the neat product
Boiling point	±90°C (decomposes)
Flashpoint	Not a flammable material
Density	±1.2 g/cm ³
Solubility	Completely water miscible
Other Data	Effect on metals
	Steel at 20°C – slight
	Aluminum at 20°C – slight
	Aluminum at 55°C - >6.255mm per year

APPLICATIONS

- **MasterRoc CLN 800** replaces dangerous hydrochloric and other commercial acidic formulations with a safe alternative.
- **MasterRoc CLN 800** is designed to remove concrete splash and cement dust residues from vehicles and all other surfaces commonly found in the ready-mix concrete industry, including ready-mix concrete agitators, level screeders and concrete pumps.
- **MasterRoc CLN 800** solutions only become active when exposed to the target residue unlike normal acids that release all of their available activity immediately.
- **MasterRoc CLN 800** is a concentrated compound and is designed to be diluted with water prior to use.
- The OH&S concerns associated with the use of dangerous acidic formulations are significantly reduced with the use of **MasterRoc CLN 800**.

APPLICATION PROCEDURE

Daily wash:

Dilute one-part **MasterRoc CLN 800** with 10 parts water. Apply to wet bowl, allow to sit for 2 minutes then hose off.

Heavy build-up of cement:

1. Use **MasterRoc CLN 800** neat. Do not dilute.
2. Pre-wet agitator bowl.
3. Apply evenly to surface with a soft brush.
4. Allow to sit for 2 minutes.
5. Wash off with high pressure water.

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SAFETY

Engineering controls: Install an eye wash bottle or fountain at or near the work area.

Personal protection (respiratory): Not normally required. Do not breathe aerosols (mists)

Personal protection (hand): Wear PVC or rubber gloves. Check regularly for integrity.

Personal protection (eye): Wear tight fitting safety goggles or a face shield.

Personal protection (skin & body): Wear overalls and safety boots.

Hygiene measures: Wash hands before eating or drinking.

STORAGE AND SHELF LIFE

MasterRoc CLN 800 should be stored in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Store protected against freezing.

MasterRoc CLN 800 has a shelf life of 24 months.

SAFETY PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the Master Builders Solutions Safety Data Sheet (SDS).

NOTE

Technical support, where provided, does not constitute supervisory responsibility. For additional information contact your local MB Construction Chemicals Solutions South Africa (Pty) Ltd representative. MB Construction Chemicals Solutions South Africa (Pty) Ltd shall not be liable for technical advice provided.

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* Properties listed are based on laboratory controlled tests.

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