



MCON RASAYAN PVT. LTD.

Trusted Partners In Construction Chemicals



MCON RELEASE SPL

WATER BASED MOULD RELEASE AGENT

Product Description :-

MCON RELEASE SPL is an emulsified blend of mineral oils and non-hazardous chemicals, specially formulated to produce release properties which are superior to those of conventional mould oil. MCON RELEASE SPL is supplied as a concentrated form of water based Mould release agent which can be diluted at site. The chemically reactive components in MCON RELEASE SPL provide a water repellent interface which protects formwork and ensures an even colour and texture of the cast concrete.





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Areas of Application :-

- ✓ MCON RELEASE SPL provides quick, clean and easy stripping of moulds and formwork.
- ✓ MCON RELEASE SPL ensures high quality, fair-faced and stain-free concrete surface.
- ✓ MCON RELEASE SPL is the ideal mould release agent to be used for precast factories, ply, metal and aluminium shuttering.



Features & Benefits :-

- ✓ Ensures good fair-faced concrete.
- ✓ Easy storage and transportation as supplied in concentrated form.
- ✓ Can be used on all type of formwork like Aluminium, Steel, Plywood.
- ✓ Non-staining, with clean stripping of moulds.
- ✓ Minimises cleaning of shutters before re-use.
- ✓ Does not rust steel mould or damage aluminium moulds.
- ✓ Cost effective when diluted.
- ✓ Reduces the incidence of air pocket and tendency of surface spalling of corners.



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Technical Information :-

Colour :- White when mixed with water

Form :- Liquid emulsion

Mixing Ratio :- 1:4 or 1:5 with clean potable water.

Formwork Surfaces :- Equally effective on wood or metal moulds and shutters.

Sp. Gravity :- 0.990 ± 0.005 at $30\text{ }^{\circ}\text{C}$



Application Method :-

Preparation of New Moulds :-

No preparation is necessary but if extensive re-use of Timber moulds is envisaged, it is advisable to protect all new surfaces with MCON RELEASE SPL.

For used moulds, all traces of cement must be removed together with any surface deposits of previous oils.



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Coating :-

MCON RELEASE SPL can be applied by brush, sponge or conventional mould oil-sprayer.

If an oil-sprayer is used, care should be taken to choose correct size of sprayer.

Apply one thin and even coat of MCON RELEASE SPL over the entire surface.

Even a thin coat is enough to achieve effective coverage. Excess application is uneconomical and may lead to surface dusting.

To remove MCON RELEASE SPL completely, for recoating mould or shutter surface, use strong industrial detergent together with stiff brushing & then thoroughly rinse with clean water



Coverage :-

1 liter of MCON RELEASE SPL covers 140 to 160 m² per litre after mixing with water.





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Shelf Life & Storage :-

Store away from direct sunlight. 24 months from date of manufacture if stored in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.



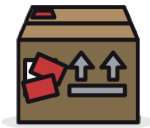
Safety & Precautions :-

MCON RELEASE SPL is toxic and non-hazardous. Remove splashes on the skin with soap & water. Avoid contact with eyes and accidental contamination should be washed thoroughly with plenty of water and medical treatment sought immediately. Ensure good ventilation and do not smoke during use.



Packing :-

50 ltrs., 200 ltrs. Drum



**(Mcon Rasayan has maintained the highest level of Quality and Consistency by following Systems is certified and as an ISO 9001 : 2015, ISO 14001:2015 & ISO 18001:2015 Company.)*

Address : Gala No.6, Bardanwala Estate, Bandivali Hill Road, Jogeswari (W), Mumbai - 400102

Call us : +91 8657448832 / 022- 26790031

Email id : salesmcon16@gmail.com

Website : www.mconrasayan.com / www.mconrasayan.net

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