



**Concrete
Mould
Release
Fluids**

**Concrete Mould
Release Fluid
(Plus Corrosion
Inhibitor)**

**Concrete Mould
Release Fluid
(Low Viscosity
General
Purpose)**

**Concrete Mould
Release Fluid
(Modified)**

To Order

**Available Size
Container**

Quantity (min.)

WISE Concrete Mould Release fluids are biobased formulas that replace and outperform many petroleum products. The corrosion inhibiting mould release fluid provides outstanding corrosion protection as measured by humidity cabinet and salt spray tests, while the low viscosity general purpose release agent is for applications where corrosion inhibition is less important. Both formulas provide better environmental protection as well as worker safety with no VOCs or heavy metals, and higher fire resistance than mineral-based formulas.

A corrosion-inhibiting product that is highly effective as a mould release or parting compound for cast concrete products. This biobased formula results in smooth finishes on concrete cast from slurries. In addition to its performance as a parting compound, the product is effective as a rust preventative, protecting the metal forms from rusting during use and storage. The absence of rust on the forms eliminates staining of the formed piece and serious loss of the forms themselves. It allows the metal forms to stay clean; “hang-up” or excessive deposits on the form edges are virtually eliminated. This product is also Pw1 “ultimate” biodegradable¹, which is highly important because of loss into the environment. Because of the high flash, the product is safer than petroleum products. This product is more fire resistant and contains no volatile organic compounds (VOCs).

TYPICAL TEST DATA

- ASTM D-445 5.3 cSt @ 40°C
- ASTM D-92 Flash Point 220°C
- ASTM D-97 Pour Point -10°C

A general purpose, lower cost product that is effective as a mould release or parting compound for cast concrete products. This biobased formula results in improved finishes on concrete cast from slurries, and may be used in applications where corrosion inhibition is not a concern. This product is also Pw1 “ultimate” biodegradable¹, which is highly important because of loss into the environment. Because of the high flash, the product is also a safer product than petroleum solvents with comparative viscosity range. This product is more fire resistant and contains no volatile organic compounds (VOCs).

TYPICAL TEST DATA:

- ASTM D-445 4.5cSt @ 40°C
- ASTM D-92 Flash Point 145°C
- ASTM D-97 Pour Point -1.1°C

Additive composition, surface tension, and viscosities of the Concrete Mould Release Fluids can be modified for special customer needs. WISE can custom design the above products by adjusting viscosities between 4 cSt and 50 cSt (at 40°C), increasing corrosion inhibitors, and improving cold temperature performance. Just ask!

These products are based on a proprietary and patented anti-oxidant, anti-wear, and cold flow technology. Base stocks are non-GMO agricultural vegetable oils. This stabilized technology provides high performance in high and low temperature applications, reducing oil thickening and deposits.

¹ Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants.

Fax to 831-728-1753 or call 800-491-9473 for Customer Service
Visit www.wisesolutions.net or Email sales@wisesolutions.net

5 gal. Pail	55 gal. Drum	330 gal. Tote