



## TECHNICAL DATA SHEET

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# E2SE HC591

# Demulsifier

### GENERAL INFORMATION

E2SE HC591 destabilizes water-in-oil emulsions and is used in separation processes in the oil industries. It is especially well equipped to treat cutting-oil concentrates and ship-slops.

Due to its surface-active properties, it will diffuse to the oil/water interface. After adsorption on that interface, it reduces the stability of the interfacial film of natural emulsifiers/stabilizers surrounding the water droplets by:

- wetting the solid particles (sand, clay, paraffin, etc.)
- rupturing/displacing the stabilizing film.

### PRODUCT DESCRIPTION

Blend of non-ionic and anionic surfactants in an organic solvent.

### PHYSICAL PROPERTIES

Appearance	Brownish liquid
Density, 20°C	0,96-1,00 g/cm <sup>3</sup>
Viscosity, 20°C	< 500 mPa.s
Flash Point	≈ 87°C
Melting/Pour point	≤ -10 °C
Solubility: in Water	Dispersible
in Oil	Complete

### APPLICATION

E2SE HC591 is a stable material which can be injected directly from the drum. Alternatively, sometimes optimal mixing can be achieved by pre-diluting the chemical with a suitable aromatic solvent. The optimum dosage, temperature, extent of mixing and settling time should be determined for cost effective operation.

### DELIVERY

Delivery in 1000 Litre containers or 200 Litre drums. Transport by road: UN 3265: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Dodecylbenzene sulfonic acid)