

PRODUCT DATA SHEET

WC-137 WATER CLARIFIER (COAGULANT)

GENERAL INFORMATION:

So-Chem WC-137 water clarifier (Coagulant) is a concentrated solution of selected inorganic polyelectrolytes and metallic salts.

So-Chem WC-137 water clarifier (Coagulant) is used for de-oiling and removal of suspended solids from water. It is recommended for use in dissolved air flotation (DAF) units, turbo flotation units (WEMCO) or other vessels used in the separation and cleaning of oily effluent water, e.g.

- Refinery effluent
- Tanker ballast water
- API Pits
- High solids contamination effluent water

It also leads to a much faster separation of oil from water in storage tanks, facilitating water clarification. **So-Chem WC-137 water clarifier (Coagulant)** because of its superior coagulating properties acts as an aid in emulsion breaking by removal of suspended oil coated solids.

CHEMICAL AND PHYSICAL PROPERTIES:

Boiling Point	-	100 °C
Specific Gravity @ 23 °C	-	1.0528
Solubility in water	-	Soluble
pH @ 23 °C	-	5.3
Liquid	-	Clear liquid.
Odor	-	Slightly "Fresh" odor

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ISSUE DATE:
REVISION STATUS:

APPLICATION

So-Chem WC-137 water clarifier (Coagulant) water clarifier is very effective in clarification of oil field produced water.

So-Chem WC-137 water clarifier (Coagulant) it is applied by continuous injection into the effluent water stream. The injection rate would be determined by laboratory analysis. However some optimization is necessary during field application of the product.

It is recommended that in order to increase the effectiveness of the **So-Chem WC-137 water clarifier (Coagulant)** chemical storage tank should be periodically agitated.

So-Chem chemical personnel can advise on treatment and application volumes.

SAFETY PRECAUTIONS:

Spilt product or product solutions cause floors to become slippery. Adsorb with sawdust, sand etc. or wash away thoroughly with water. Refer to SDS for detailed information on handling and use.

STORAGE:

So-Chem WC-137 is sensitive to moisture and drums should be securely closed at all times.

PACKING AND AVAILABILITY:

So-Chem WC-137 water clarifier (Coagulant) is available from Southern Chemicals Limited, # 2 Tarran Industrial Estate La Romain in bulk deliveries (tote tanks) or 55 gall drums.