

REWOCOROS® AC 28

Product description

REWOCOROS® AC 28 is a modified fatty acid diethanol amine (DEA) condensation product.

Physical properties

Appearance 20 °C	brown, viscous liquid
Amine value	140 - 155 mg KOH/g
Acid value	14 - 16.5 mg KOH/g
Water content	< = 2%
Solubility	water: dispersible Mineral oils: soluble after addition of non-ionic surfactants or solubilizer

Application

REWOCOROS® AC 28 is used as a corrosion inhibitor and co-emulsifier for water based metal working fluids (MWF).

We highly recommend the use of REWOCOROS® AC 28 for semi-synthetic MWF in combination with non-ionic emulsifiers and boric acid-amine-blends. This will result in clean MWF and systems that are highly biostable.

Furthermore REWOCOROS® AC 28 can be used to formulate soluble MWF along with sodium sulfonates.

In addition, REWOCOROS® AC 28 can be used as a corrosion inhibitor for synthetic fibre preparation and spooling oils.

Properties / Benefits

- REWOCOROS® AC 28 provides very good corrosion protection in different aqueous systems, like MWF even under hard water conditions.
- REWOCOROS® AC 28 provides good emulsifying properties and reserve alkalinity and enhances fluid lifetime.
- REWOCOROS® AC 28 is a clear liquid product that conduce easy blending processes emulsifiable in oil and water.
- REWOCOROS® AC 28 is 90% readily bio-degradable (total degradation according to DIN 38 412, part 25).

Dosage / Handling

Depending on what other surfactants, free amines and free fatty acids are present, we recommend to use about 5-15% of REWOCOROS® AC 28.

Basic guide recipes and formulating hints are available upon request.

Registration status

The ingredients of REWOCOROS® AC 28 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS, NZIOC and China

Storage stability

In original closed containers REWOCOROS® AC 28 can be stored for at least 1 year at temperatures between 15 and 40 °C.

Storage below 5 °C may cause precipitation.

Packaging

200 kg steel drum
Pallet size: 4 x 200 kg = 800 kg
1 000 kg plastic container
Bulk

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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Trademark notice and legal notice

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