

REWOCOROS® RA BE

Product description

REWOCOROS® RA BE is a product based on boric acid and diethanol amine (DEA).

Physical properties

Appearance 20 °C	light yellow, clear liquid
free Amine	84.0 – 86.0 %
pH value 1 % solids	9.0 – 10.0
Solubility	Soluble in water insoluble in mineral oils

Application

REWOCOROS® RA BE is used as an additive in semi- and full synthetic metal working fluids (MWF). It allows the formulation of MWF with excellent corrosion protection properties and improved buffer capacity.

REWOCOROS® RA BE is also used in textile auxiliary formulations.

Properties / Benefits

- REWOCOROS® RA BE provides good corrosion inhibition properties in different semi- and full synthetic MWF.
- REWOCOROS® RA BE improves buffer capacity of water-mixed coolants as a result of its high reserve alkalinity.

- REWOCOROS® RA BE has a low foaming tendency.
- REWOCOROS® RA BE shows a low crystallization tendency.

Dosage / Handling

To achieve excellent corrosion protection properties along with high buffer capacity, we recommend the use of approx. 20 % REWOCOROS® RA BE in MWF concentrates. This amount may vary depending on what other surfactants or amine derivatives are used.

In textile application approximately 0.5 – 2 % are used.

Basic guide recipes and formulating hints are available upon request.

Registration status

The ingredients of REWOCOROS® RA BE are listed in the following chemical inventories:

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

Storage stability

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

Packaging

200 kg plastic drum

Pallet size: 4 x 200 kg = 800 kg

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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