

Librel[®] Co

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Cobalt EDTA Chelate

Product Information

Product Type	Micronutrient fertiliser conforming to the definition of an "EC FERTILISER".
Description	Cobalt ethylenediamine tetra acetate disodium salt, (CoEDTA Na ₂).
Intended Use	<ul style="list-style-type: none">• To correct cobalt deficiency in pastures and fodder crops.• Recommended for foliar application.
Typical Analysis	Cobalt (as Co) 13% w/w
Analytical Method	Available on request
Appearance	Pink spray agglomerated microgranule
PRD-No.	30482753
Solubility (in water)	~300 g/l (at 20 °C)
Specification	See separate document: "Standard Specification" available via BASF's WorldAccount: https://worldaccount.basf.com (registered access).
Packaging	Detailed information on the packaging is available via BASF's WorldAccount: https://www.worldaccount.basf.com (registered access).
Storage	Librel Co will store indefinitely under normal conditions. For user convenience it is recommended that the product is stored in a dry place. Re-seal partly used packs tightly.
Transport Precautions	No special precautions are necessary for transport by air, sea, rail or road.
Harmonised Tariff No.	2922-4985-90
Health & Safety	Detailed information on the product described in this leaflet can be found in our relevant Health and Safety Information (Material Safety Data Sheet) available via BASF's WorldAccount: https://worldaccount.basf.com (registered access).

Directions for Use

General Information

Librel Co gives best results when crops have adequate supplies of water and major nutrients and are not under stress for any other reason. Conditions which are responsible for one particular deficiency can also induce deficiencies of other micro-nutrients. Always ensure that deficiencies are confirmed before treatment is carried out.

Mixing With Water

Simply add the powder to water while it is being agitated, do not pre-mix. Continue agitation for a short while to ensure complete dissolution.

Compatibility

Librel Co is compatible with all other Librel chelates and many crop care chemicals. It is also fully compatible with solutions containing soluble phosphates such as liquid feeds and foliar fertilisers.

Foliar Application

General Information

Librel Co should be dissolved in a convenient volume of water to suit the spraying machine being used and the target crop leaf area. The following points should be observed.

1. The sprayer should be fitted with nozzles that produce a fine mist.
2. Only sufficient spray solution should be applied to coat the leaves and stems with a film of moisture with little or no "run off".
3. Spraying should be carried out on a calm day **but not during strong sunshine or high temperatures**. The best time is late afternoon or evening.
4. If rain is imminent, spraying should be postponed. If rain falls within 4 hours of spraying, the crop should be re-sprayed 3 or 4 days later.

Rates of Use and Timing

Crop	Rates of Use (kg/ha)	Timing
Pasture	0.25 – 0.5	Apply Librel Co to pasture in the early spring and repeated annually.
Fodder Crops	0.25 – 0.5	Apply as early in the season as possible. I.e. as soon as there is enough leaf area to absorb the spray.

Water Volume

The amount of Librel Co to be applied should be mixed with a volume of water appropriate to the crop leaf area of the type of spraying machine being used.

Pasture/Fodder crops: 200 – 600 litres per hectare.

NB: Do not exceed a solution concentration of 0.1% (1 g/l).

Wetting Agent

Unless Librel Co is to be applied with a pesticide containing sufficient wetter, then a standard, agricultural non-ionic wetting agent should be used as recommended by the manufacturer.

Small Scale Use

For example using a knapsack sprayer. Prepare a 0.05 – 0.1% (0.5 – 1.0 g/l) solution and apply so as to coat the leaves and stems with a thin film of moisture with little or no run-off.

Soil Application

Please contact your supplier for appropriate recommendations.

Statutory Caution

To be used only where there is a recognised need. Do not exceed the appropriate dose rate.

Note

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