



Geoquímica Industrial IBCER, S.A. de C.V.

Data Sheet

EMERGION

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(100/FT_EME/ES)

Properties:

Carboxylic acids present in **EMERGION** have the following properties:

Control of Soil Salinity: Solubilize soil insoluble salts, promoting the ion exchange of sodium with calcium/magnesium, allowing salts and sodium compounds to be removed with irrigation water.

Chelating Agent: Enhance micronutrients plant uptake, creating chelated compounds with microelements in soil (iron, zinc, manganese, etc.).

Nutrients Absorption Facilitator: Solubilize soil nutrients, increasing their availability. A distinctive solubilizing action on phosphorus.

Structure Soil Conditioner: By leaching salts, soil decompacts and porosity increases; improving infiltration capacity for water and oxygen, as well as for plant roots development.

The complexing and anti-erosion properties of lignosulfonic acid (derived from lignin) produce a synergistic effect on carboxylic acids amending activity.

Guaranteed Analysis

Polyhydroxycarboxylic Acids.....	33.4%
Lignosulfonic Acid (Wood cellulose extract).....	7.8%
Diluents and related compounds	58.8%
TOTAL.....	100.0%

Sanitary Register



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RSCO – 136/IX/10

Physical and Chemical Properties

Physical State: Liquid.

Appearance: Dark brown liquid.

Odor: Slightly alcohol, associated with dark woods.

PH: 3.3 - 3.9

Solubility: 100%

Specific Gravity/Density: 1.15g/cm³

Boiling Point: 217.4 °F

Flammability: Non flammable.

Freezing/Melting Point: N/A

Evaporation Rate: N/A