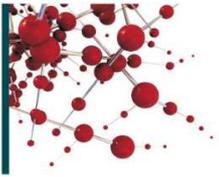


| PRODUCT LIST





CARDBOARD

Liquid Borax - Formulation to improve the adhesive preparation of starch-based glues

BD ONDULAND BM

BD ONDULAND BM is a product designed for the preparation of starch glues to be used in making corrugated cardboard. Improving adhesion results even in heavyweight cartons.

Properties:

- Fully liquid product, facilitating its application and avoiding the usual solids settling of other commonly used suspensions.
- Product of medium-low viscosity, which facilitates application without using special pumping systems.
- Avoids dust generation of borax decahydrate, thus the risk associated with the operation of dilution is reduced.
- High concentration of boron, which allows working with lower dosages than those usually used with other liquid or suspension products.

Technical characteristics:

Appearance: yellowish liquid

pH (sol. 1%): 9,0

Density at 20°C: 1,37 g/cm³

Viscosity at 20°C: 5 ps

Dosage:

The dosage to be used must be adapted to each installation and type of cardboard to produce. However, as a rule of thumb, one 1 Kg of BD ONDULAND BM equals 1 kg of Borax 10-H.

Presentation:

Bulk
IBC 1000 liters
Bottles 25 liters

Handling and storage:

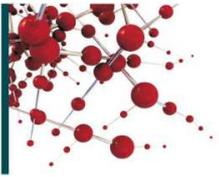
Keep the product in closed original containers whenever not in use.
No special storage conditions are required, however it is recommended to consume the product within 12 months from the date of production.

Additives to improve the consumption of starch in the formulation of adhesive glue

Quebracho extract
Graphene

Products commonly used for cardboard manufacture

Borax
Formaldehyde
Sodium hydroxide liquid / solid
Boric acid



■ Additives to improve water resistance and mechanical properties of the cardboard

CP-88/I - Improves water resistance according to FEFCO test 9 - 24 hours

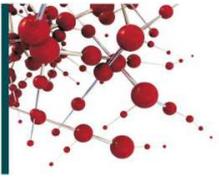
CP88-LV - Improves water resistance and mechanical resistance by 15% (TEST: Pin Adhesion and ECT (edge Crush Test))

CP88-AC - Improves water resistance and mechanical resistance by 25%, (TEST: Pin Adhesion and ECT (edge Crush Test))

PAPER

■ General products for use in the production of paper

- Aluminium sulfate
- Aluminiumpolychloride
- Ammonium hydroxide
- Borax
- Formaldehyde
- Hydrochloric acid
- Hydrogen peroxide
- Salt vacuum
- Sea salt
- Sodium chlorate
- Sodium hypochlorite
- Sodium hydrosulfite
- Sodium hydroxide liquid / solid
- Sodium persulfate
- Sodium silicate
- Sodium sulfate
- Sodium sulfite
- Urea



ENVIRONMENTAL PRODUCTS

BIOCIDES/ DISINFECTANTS

Hydrogen peroxide 50%
Peracetic acid
Sodium hypochlorite

COAGULANTS / FLOCULANTS

BDSodal
Depural 18 (PAC 18)
Depural S (Aluminium sulfate)
Depurfer 100 (Ferric chloride)
Depurfer 00 (Ferrous chloride)
BD Polifloc (polyacrilamides)

Ph REGULATORS

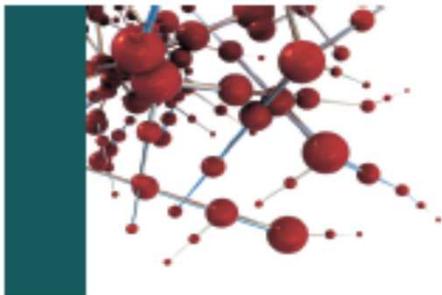
Depurcal (Calcium hydroxide solid)
Gelcal 35 (Calcium hydroxide solution 35%)
Hydrochloric acid
Sodium hydroxide
Sulfuric acid

DEFOAMERS

BD Antiskum (*wide range of defoamers*)

OTHERS

Sodium bisulfite
Sodium hexamethaphosphate
Sodium metabisulfite
Sodium molybdate
Sodium nitrite
Zinc chloride
Potassium permanganate
BD Blendphos 35 (phosphoric acid alternative)



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