



## TECHNICAL DATA SHEET

### PROPERTIES AND MODE OF ACTION

**FLOGREEN™** is a natural flocculant made from aloe, nopal cactus and moringa extract for use in the treatment of water and process water (wastewater) both at the municipal level and in different industrial sectors, such as mining, food, textile, cellulose and paper, oil and gas, petrochemicals and thermal power plants, among other industries.

It is a totally sustainable product, friendly to the environment, it is biodegradable, it does not have toxic components or heavy metals, and it comes from plants that are renewable materials.

**FLOGREEN™** is a formulation based on compounds obtained from aloe, cactus nopal and moringa extracts. Our aloe extract has been purified and offers a proprietary formula that improves flocculation ability. It is an ideal product for clarification of process water or dirty water to allow its recycling and / or reuse.

The product offers various properties:

- Ecological product for industries.
- Mixture of green polysaccharides
- Flocculation properties for wastewater treatment.
- Bio-based flocculant containing 99.5% natural plant material.
- Easily biodegradable
- Reduces environmental impact
- The flocculating effect of aloe at high turbidity is excellent
- The turbidity removal ratio is close to 99%
- Does not affect water courses or reservoirs.
- Suitable for use at high temperatures.
- Specially designed for water and wastewater treatment in different industries.

## FLOGREEN™

### MANUFACTURER

Made in Mexico for Aloetrade America LLC.

### COMPOSITION

Proprietary formula based on extracts of aloe (Aloe Barbadensis Miller and Aloe Chinensis), nopal and moringa extracts, thickeners, preservatives and food grade acidulant.

### PHYSICOCHEMICAL CHARACTERISTICS:

Appearance: liquid  
Smell: typically to Aloe  
Color: light amber color  
PH: 3.6 / 4.6  
Flash point: N / A.  
Relative density: 1.005 to 1.010  
Solubility in water: complete.

### TOXICITY:

It is not a toxic product. It does not bioaccumulate. It is not polluting for humans, or for plant species, animals or the aquatic world. It is biodegradable according to OECD 301.

### INSTRUCTIONS FOR USE

- The product can be used in all types of industrial processes where flocculating agents are required.
- It can be used as a replacement for chitosan or other coagulating agents such as aluminum sulfate.

### RECOMMENDED DOSE

Please consult our Technical Department.

### STORAGE AND TRANSPORT CONDITIONS

Keep the product in a cool and dry place, away from sources of heat, direct fire or sources of ignition. DO NOT EXPOSE TO THE SUN. Recommended storage temperature: 20° C.

PRODUCT PRESENTATION: 55 gal drum (200 Liters.) – IBC plastic tote of 1,000 Liters.