

DELASAN CMT

Corn Mash Treatment Product Number 882238

Purpose and Use

Delasan CMT is a peroxyacetic acid-based additive developed for use in plants that derive ethanol from the fermentation of corn. If used as directed, it will reduce the incidence of lactic and acetic acids normally formed during the fermentation process.

How Delasan CMT Works

Delasan CMT is acceptable for use on direct or indirect contact in or on corn mash intended for use as a fermentation glucose course for ethanol production. Since its use is intended as an indirect process additive, it does not need to be declared on any subsequent product labeling. In accordance with the FDA GRAS process, only DeLaval or its authorized distributors are allowed to use peroxyacetic acid products for corn mash intended for ethanol production and animal feed. Delasan CMT has a high oxidation potential and is very reactive. It exhibits excellent control of lactic and acetic acids. It degrades to oxygen, water, and carbon with a 1/2 life of approximately 20 minutes in corn mash. This product should be used in conjunction with hydrogen peroxide for best results.

Benefits

- Cost reduction in your organic acid control program
- Breaks down easily into food ingredients
- Improves your ethanol production
- No pre-mixing required
- Eliminates your need for anti-biotics
- Recognized as safe for grains
- Meets the new FSMA requirements
- Does not contribute to inorganic salts
- An alternative to antibiotic treatments
- GRAS Status for distillers' grains

Discussion

Delasan CMT is a patent pending process treatment for corn mash used for fermentation at fuel and beverage ethanol plants. Delasan CMT is a leading technology that is best suited for control of organic acids in your fermentation process. The unique product formulation, low cost, high concentration of actives, and patent pending application make Delasan CMT unique among other fermentation treatments.

Features

- Low cost
- High concentration of actives
- Patent pending process



Directions for Use

Delasan CMT is a peracetic acid-based product for use as an additive to the fermentation process of ethanol production. Before using this product, please read the label carefully

Composition

Peracetic acid (% wt.)	20-24
H ₂ O ₂ (% wt.)	6-10
Acetic acid (% wt.)	35-45
Stabilizer (% wt.)	< 1.0
Density 20°C (68°F), (g/mL)	1.18

Method

Delasan CMT is designed to be used as an additive to raw materials, such as corn mash, used in fermentation processes for generation of ethanol. It may be used anywhere in the fermentation process where bacterial growth may be problematic. Typically, this product is introduced to the fermentation process during the fill of the initial 2/3 of the fermenting tank volume. The maximum dose of this product that may be added to the fermentation material is 30ppm, expressed as final dose of active peroxyacetic acid per total wet weight of corn mash (10ppm of active peroxyacetic acid per dry wt. of corn).

Storage

Delasan CMT must be stored in an upright position. The storage area should be well ventilated and shaded from sunlight as well as protected from sources of radiant heat. Contamination of the product, especially heavy metal ions and alkali, must be avoided.

For use in food and dairy facilities in accordance with product label and documented use applications. Consult your DeLaval representative for guidance.

Safety Information

IF ON SKIN

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothes before reusing. Get immediate medical attention.

IF IN EYES

In case of contact, immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

IF SWALLOWED

Sip a glass of water if able to swallow. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.

IF INHALED

Immediately move to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. If breathing is difficult, give oxygen. Get immediate medical attention.

For more information about this product or any of our other products and services please visit our website at www.delavalcleaningsolutions.com or contact us at 1-800-447-8370.



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