

PRODUCT FACTSHEET

CrestHarvest™ 588

CRESTHARVEST 588

Ref.: P-ESP-CV-910467
Rev.: 0 - Fecha: 06/06/2024



CrestHarvest™ 588 is a specially developed organic chemistry to help control the soil salinity and alkalinity. It functions to free up locked up calcium, magnesium and phosphorous to aid in the release of them as free nutrition into the surrounding soil. In tandem, it leaches out the sodium in the saline soil, effectively reducing the soil salinity. Overall, it also aids in reducing the alkalinity in alkaline soil.

1.0 Benefits

CrestHarvest™ 588 provides its user with the following benefits:

- A. Reduce soil salinity and alkalinity to effectively reduce soil compaction
- B. Improved germination, root growth and stand establishment
- C. Higher quality crops; higher yield attained with less agricultural chemicals and phosphate fertilizers used

2.0 Physical Properties

Physical and Chemical Data

Appearance	Clear to pale yellow liquid
Boiling range (°C)	100-102
Freezing range (°C)	(-12)-(-5)
Odour	Slight
pH (Undiluted @ 20°C)	3.5-4.5
Specific gravity (@ 20°C)	1.15-1.25
Solids content (% w/w)	42-46
Solubility	Miscible in water

3.0 Dosing Guidelines

The dosage rate and dosing method is influenced by various factors: soil structure, soil chemistry, irrigation water chemistry, irrigation method, agriculture chemicals input, farming practice and types of crops. Please discuss with your respective Crest Water Representative before use if required.

4.0 Chemical Compatibility and Thermal Stability

CrestHarvest™ 588 is not affected by chlorine or other oxidizing biocides under normal use conditions. It is stable and compatible under normal temperature conditions.

5.0 Logistics

Transport Classification	Not classified for transportation
Packaging	Pails/Drums

6.0 Toxicology / Ecological Data

Acute Toxicity (Oral LD ₅₀) (Rat)	> 5000 mg/kg
Eye Contact	Non-irritant.
Skin Contact	Non-irritant. Not a skin sensitizer.
Acute Toxicity (LC ₅₀ @ 96 HRS; Fish)	> 800 mg/L
Acute Toxicity (EC ₅₀ @ 48 HRS; Aquatic Invertebrates: Daphnia magna), (LC ₅₀ @ 96 HRS; Aquatic Invertebrates; Brown Shrimp)	> 200 mg/L, > 85000 mg/L
Acute Toxicity (IC ₅₀ @ 72 HRS; Aquatic Plants: Marine algae)	130 mg/L

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Please read the label and the MSDS before handling the product.

CREST Water Pte Ltd
10 Anson Road, #7-15, International Plaza
Singapore 079903

Information contained herein is based on data available to CREST Water and is thought to be correct. Since CREST Water, has no control over the use of this information by others, no guarantee of the same results described herein will be obtained, and we make no warranty of merchantability or fitness for a particular purpose or any express or implied warranty. This information is intended for use by technically trained personnel at their discretion and risk.