



Product Specification

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BROMELAIN SOURCE : PINEAPPLE STEM

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|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT CODE | 027845 |
| SYNONYMS | Bromelin |
| C.I. NO. | N/A |
| CASR NO. | 9001-00-7 |
| ATOMIC OR MOLECULARFORMULA | -- |
| ATOMIC OR MOLECULARWEIGHT | -- |
| PROPERTIES | Store at 2-8°C |
| PARAMETER | LIMIT |
| Description | Off-white to brown powder |
| Solubility | 1 mg soluble in 1 mL of 50mM sodium phosphate. |
| Activity (determined with TNBS) | ~0.5 (DMC U/mg) |
| Unit definition | DMC units/mg One DMC-Unit is that amount of enzymatic activity which catalyses the cleavage of 1 microequivalent peptide bond from dimethylcasein per minute at 25°C, pH 7.0, expressed in terms of the appearance of the appearance of new terminal amino groups |

Note(s) :Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. May damage fertility.

PRECAUTIONARY STATEMENTS

Prevention : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. Remove/Take off immediately all contaminated clothing Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

Disposal: Allow to evaporate in safe open area (applicable for small quantities). Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :



GHS07



GHS08