

Bacillus Ferment

Specification Sheet

Description: Bacillus ferment is an enzymatic exfoliant used to exfoliate the skin and is a mild but effective alternative to alpha hydroxy fruit acids and is active at a mild pH range of 5-8.

CAS: 7732-18-5, 56-81-5, 57-55-6, 100085-62-9

INCI Name: Water (and) Glycerin (and) Propylene Glycol (and) Bacillus Ferment

Composition: Water, Glycerin, Propylene Glycol, Bacillus Ferment, Potassium Sorbate

Appearance: Clear brown liquid

Benefits:

- Natural enzymes that eliminate dead skin cells to smooth the skins surface
- Functions as non-mechanical, but enzymatic exfoliation process
- Provides younger looking skin

Use: Add to the water phase or at the end of cosmetic formulations ideally at room temperature (but can also be added to hot solutions of up to 150°F/60°C). Recommended use level is 2% maximum. Not to be used on abraded skin. For external use only.

Applications: Anti-aging creams, gels and body lotions, whitening products, peels and scrubbing products, masks and non-abrasive exfoliants.

Solubility: Water-soluble

Preservation: Potassium Sorbate

Storage: Store refrigerated (4-8°C / 39-46°F)

Country of Origin: France

Raw material source: Bacillus Subtilis, glycerin made of naturally derived oils

Manufacture: Fermentation of Bacillus Subtilis which yields a protease that has keratolytic activity.

Animal Testing: Not animal tested.



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GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 1302190100