

AHA Fruit Acids

Specification Sheet

Description: Botanical alpha-hydroxy acid (AHA) complex consisting of 15% glycolic acid, 31% lactic acid, 3% citric acid, 1% tartaric acid from extracts of grape (*Vitis vinifera*), lemon (*Medica limonum*), passionfruit (*Passiflora quadrangularis*), & pineapple (*Ananas sativus*). pH 1.2 - 2.5. Clear yellowish liquid, no odor. Soluble in water.

CAS: 7732-18-5, 64-17-5, 84929-31-7, 8057-62-3, 68917-26-0, 84929-27-1

INCI Name: Water, alcohol denaturated, *Passiflora quadrangularis* fruit extract, citrus *Medica limonum* extract, *Ananas sativus* fruit extract, *Vitis vinifera* fruit extract

Benefits:

- Sheds off the outermost layer of skin cells (corneocytes)
- Induces renewal of a skin cell layer
- Increases the moisturizing level of the skin which improves the flexibility of the upper skin layer

Use: Add to aqueous phase of formulas at <104°F (<40°C). Use level: 5-15% depending on skin tolerance. The very low pH of this AHA solution will most likely, when added to your product, lower the pH and could cause emulsion separation. Use at very low concentration only or add pH increasing ingredients such as TEA to stabilize. pH paper roll for measuring the pH is necessary when using TEA. The lowest pH in a cosmetic product allowed in the US is 3.5. A low pH can irritate the skin. For external use only.

Applications: Moisturizing creams, lotions, cream- gels, peeling gels.

Country of Origin: Spain

Raw material source: Grapes (*Vitis vinifera*), lemons (*Medica limonum*), passionfruit (*Passiflora quadrangularis*), & pineapple (*Ananas sativus*)

Manufacture: Blend of several fruit extracts

Animal Testing: Not animal tested

GMO: GMO free but not certified

Vegan: Does not contain animal-derived components