



Deveraux Specialties  
*est. 1998*



# DL Fruit Acids

Natural Combination of AHA's  
for Radiant, Healthier Looking  
Skin



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# What Are Alpha Hydroxy Acids?

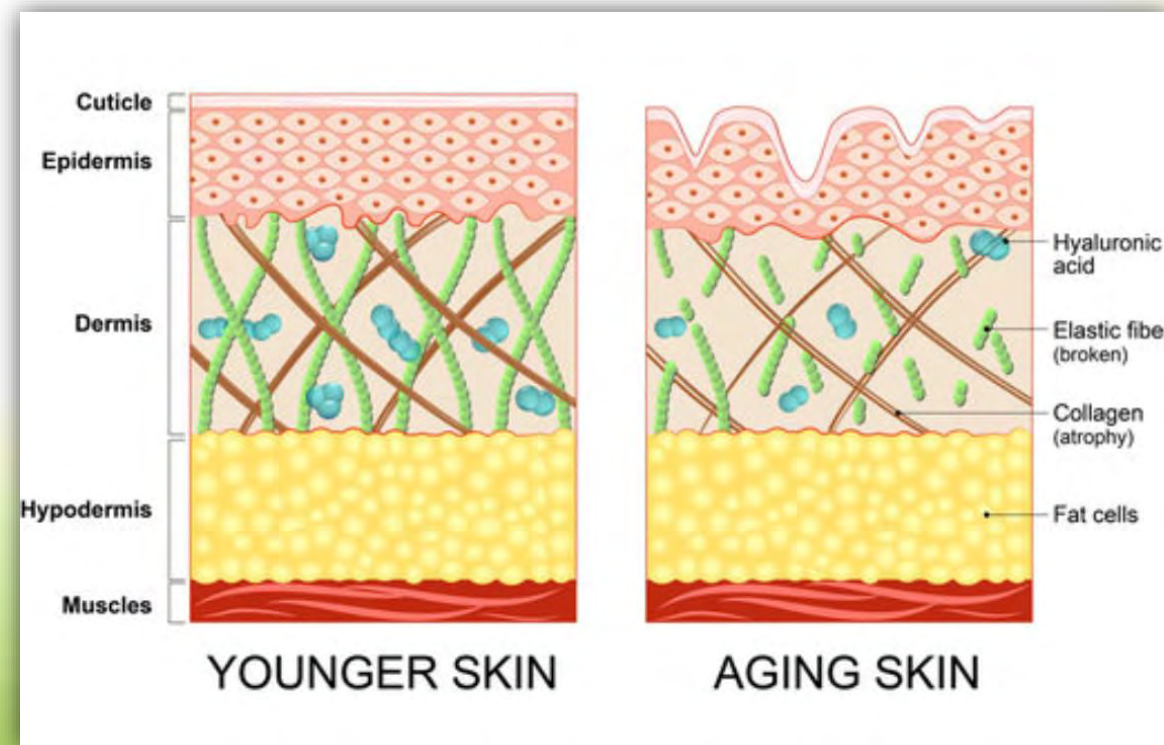




# What are Alpha Hydroxy Acids?

Alpha Hydroxy Acids = AHA, water-soluble acids based from sugary fruits

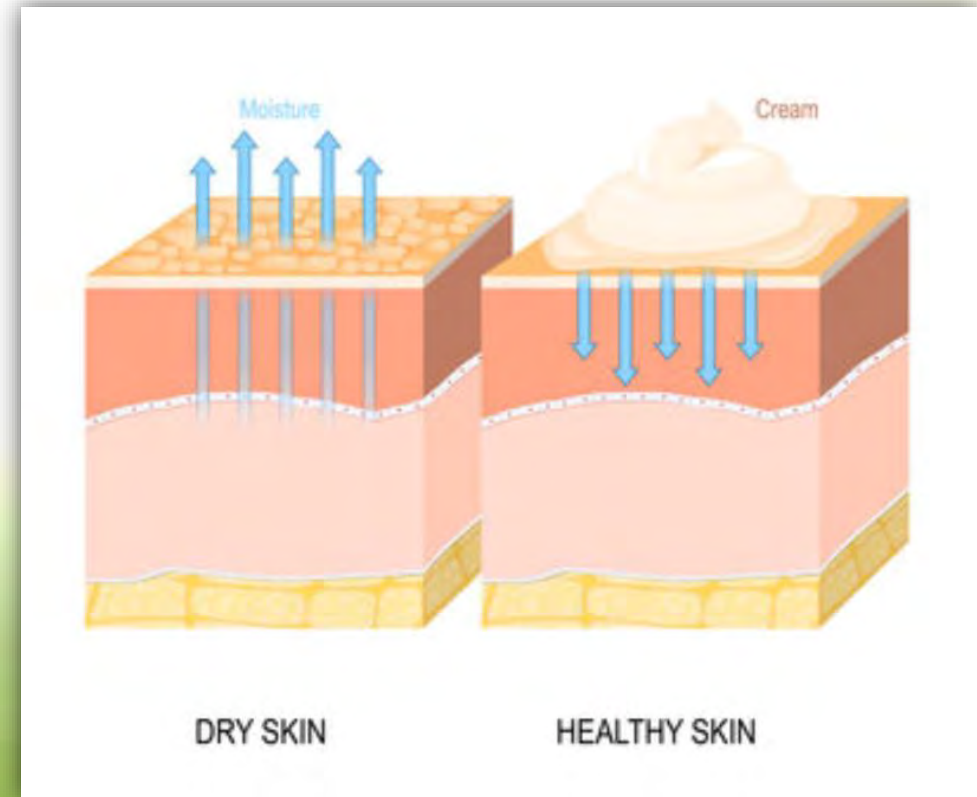
- As the skin **matures**, the cell renewal and exfoliation process slows down
- Dead cells tend to accumulate making the skin appear and feel **rough** and **damaged**





# What are Alpha Hydroxy Acids?

- AHA's also help **increase** the skin's **moisture retention**, keeping the skin soft and smooth
- Often marketed as **safe** for all skin types—
  - Gradual increase in daily use necessary to prevent irritation for extremely dry and sensitive skin





# What Are AHA's Used For?

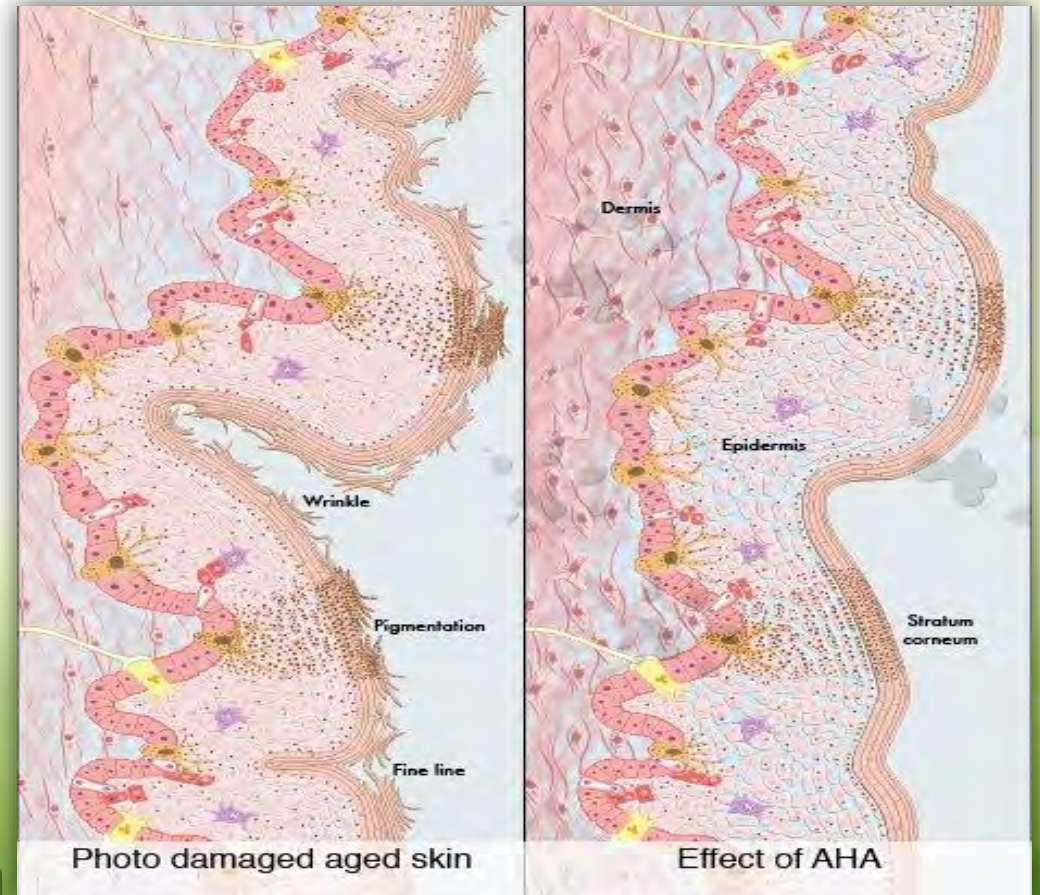




# What are AHA's Used For?

All AHA's are generally used in cosmetics for the following purposes:

- As a gentle chemical exfoliation
- Help increase rate of cellular renewal
- Smoother and brighter appearance
- Reduce the size of dead skin cells
- Minimize the look of pores
- Reduce oiliness
- Gives a dazzling glow back to tired, dull-looking skin
- Reduces the appearance of blemishes and visible redness







# Types of AHA's

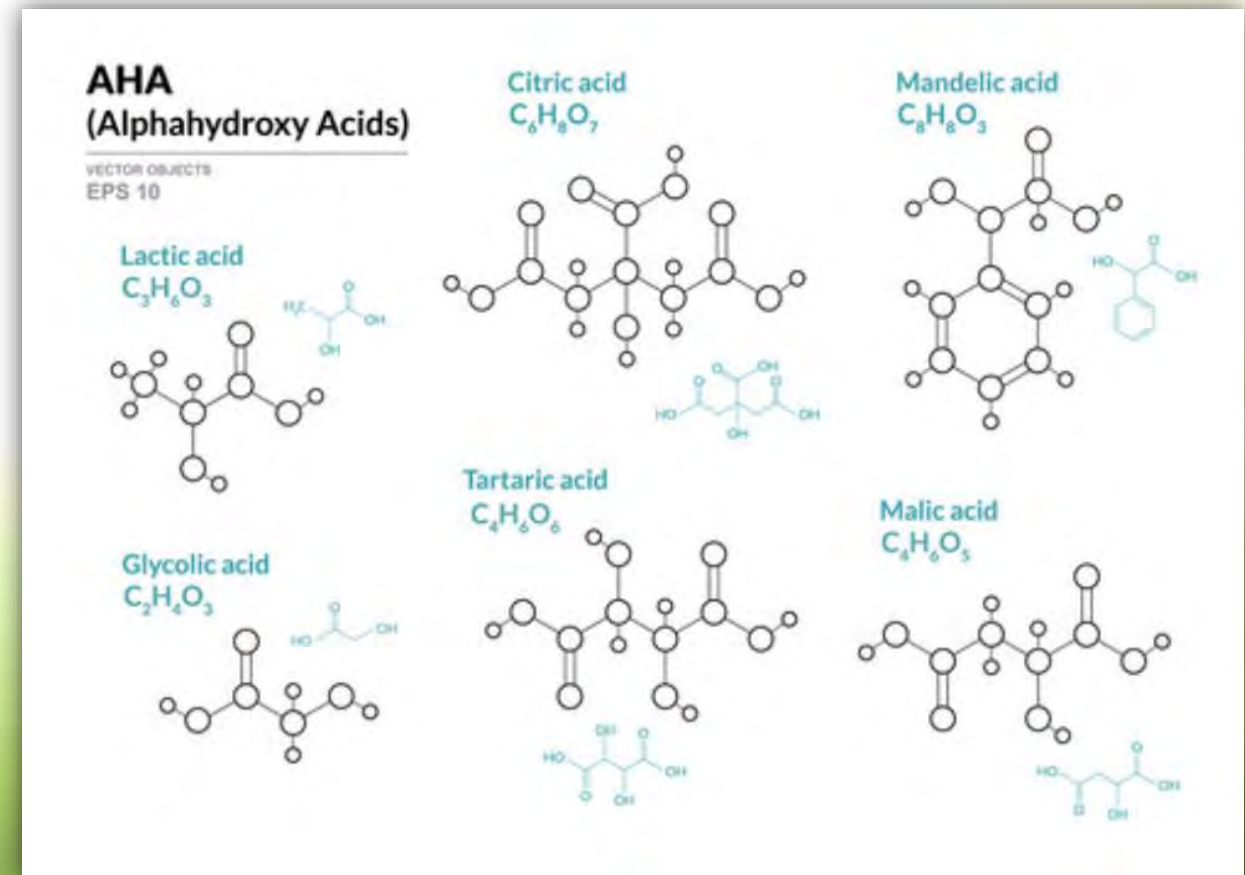




# What are the Types of AHA's?

There are 5 types of AHA's commonly used in the skin care industry:

1. Citric Acid (from citrus fruits)
2. Glycolic Acid (from sugar cane)
3. Lactic Acid (from lactose or other carbohydrates)
4. Malic Acid (from fruits)
5. Tartaric Acid (from grapes)





# DL Fruit Acids



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# Deveraux Specialties DL Fruit Acids

DL Fruit Acids is a concentrated blend of 5 botanical extracts:



Lactic Acid

Bilberry



Glycolic Acid

Sugar Cane



Malic & Tartaric Acid

Sugar Maple



Citric Acid

Orange



Citric Acid

Lemon



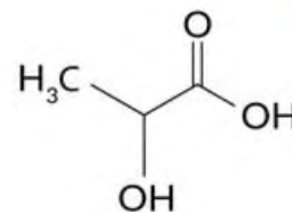


# Lactic Acid Bilberry Extract

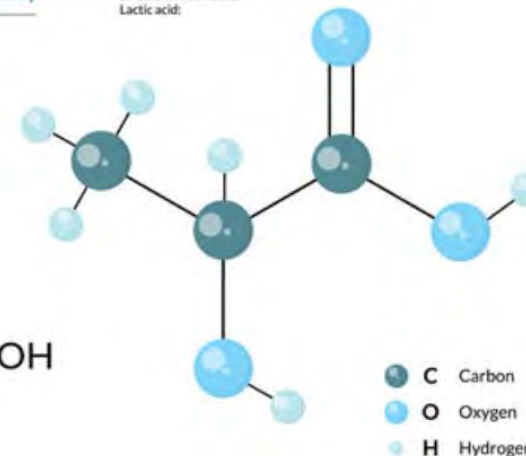
- ✓ **Helps kill bacteria**
  - Helps kill acne-causing bacteria
- ✓ **Diminishes wrinkles**
  - Promotes firmer, thicker skin resulting in fewer lines and wrinkles
- ✓ **Reduces acne**
  - Increases the rate of cell turnover, causing new and younger looking skin to grow
- ✓ **Helps skin hold moisture**
  - New skin helps to retain moisture capability

## Lactic acid AHA (Alphahydroxy Acid)

Molecular Formula of Lactic acid:  
 $C_3H_6O_3$



Structural Formula of Lactic acid:





# Glycolic Acid Sugar Cane Extract

## ✓ Treats hyperpigmentation

- Rids skin of excess pigmentation due to acne scars, age spots and sun damage

## ✓ Fights signs of aging

- Triggers collagen production to help reduce the appearance of fine lines and wrinkles

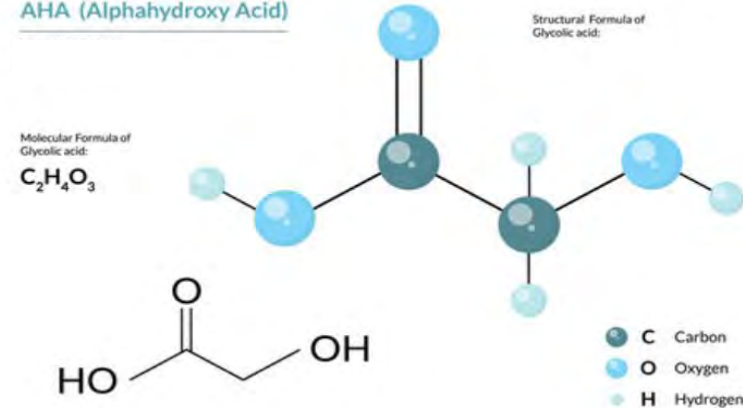
## ✓ Evens skin tone and texture

- Removes excess oil and debris, leading to smoother more even skin

## ✓ Reduces pore size

- Reaches deep into pores to unclog trapped debris and excess sebum

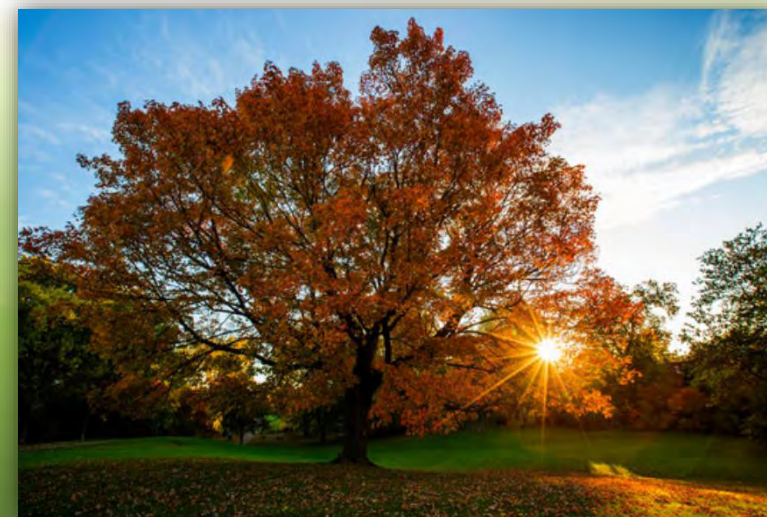
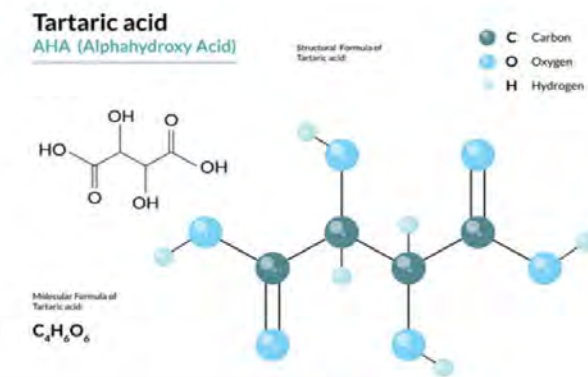
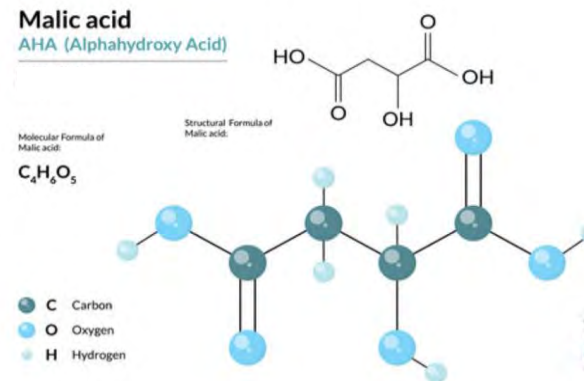
**Glycolic acid**  
AHA (Alphahydroxy Acid)





# Malic & Tartaric Acid Sugar Maple

- ✓ **Even complexion and reduces acne**
  - Sheds dead skin cells and clear up clogged pores
- ✓ **Promotes hydration and balance pH**
  - More balanced than other fruit acids, having a better buffer capacity to help improve moisture retention so skin stay hydrated
- ✓ **Reduces Wrinkles**
  - Promotes skin cell turnover, promoting collagen production
- ✓ **Antioxidant**
  - Ability to protect skin from harmful ravages of free radicals





# Citric Acid Orange & Lemon

## ✓ Packed with Antioxidants

- Helps protect the skin's barrier from everyday aggressors

## ✓ Adjusts pH on skin

- Balance pH and stops products from being too alkaline

## ✓ Refreshes the skin

- Unclogs pores and sheds dead skin cells and debris

## ✓ Evens out skin tone

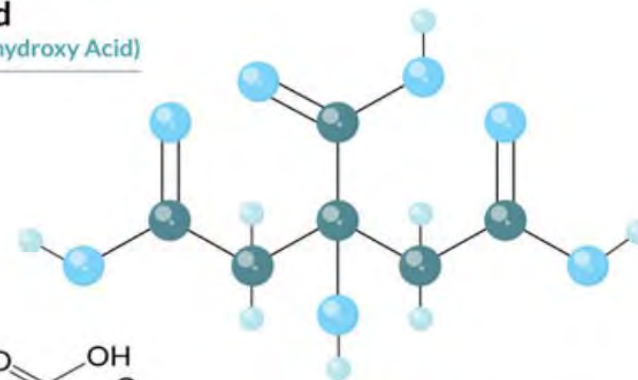
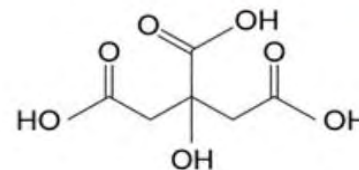
- Works on the outer layers of the skin, repairing the skin barrier function; enabling it to prevent UV penetration

### Citric acid AHA (Alphahydroxy Acid)

Molecular Formula of Citric acid:



Structural Formula of Citric acid:



● C Carbon  
● O Oxygen  
● H Hydrogen







# Summary DL Fruit Acid

1. Naturally derived AHA's from botanical source
2. Increases cell turnover with minimum irritancy
3. Promotes a healthy scalp (cell renewal)
4. Promotes healthy, radiant skin
5. Revitalizes skin for a fresher, smoother, more youthful appearance





# Ingredient Information



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# Ingredient Information

## DL Fruit Acids

**INCI:** Water & Vaccinium Myrtillus Fruit Extract (Bilberry) & Saccharum Officinarum (Sugar Cane) Extract & Citrus Aurantium Dulcis (Orange) Fruit Extract & Citrus Limon (Lemon) Fruit Extract & Acer Saccharum (Sugar Maple) Extract

**Appearance:** Clear liquid

**Solubility:** water

**Color:** colorless to pale yellow

**Odor:** characteristic

**Use Level:** 5 to 15%





# References

## DL Fruit Acids

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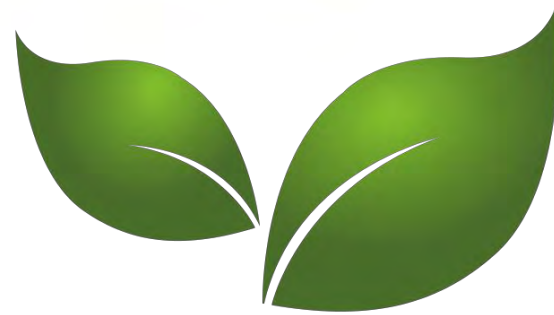
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THANKS