

## ALOE VERA GEL - REGULAR

### USES:

ALOE VERA GEL - REGULAR has a multitude of uses for foods and beverages, as well as cosmetics, toiletries and O.T.C. pharmaceuticals. The gel of the Aloe Vera plant is legendary for its unique properties for both internal and external applica-

tions. Today, many consumers know of Aloe's unique benefits when consumed orally or when used daily in skin care, hair care and O.T.C. pharmaceutical products.

**Here are some examples of the types of products that Aloe Vera Gel - Regular may be used in:**

#### EDIBLE PRODUCTS

- Health Drinks
- Juice Blends
- Health Foods
- Sports/Fitness Drinks

#### O.T.C. PHARMACEUTICALS

- Topical Analgesics/Anesthetics
- Hydrocortisone Creams
- First Aid Sprays/Creams/Gels
- Anti-Acne Preparations
- Toothpaste/Oral Rinses
- As a Moisturizing Base

#### SKIN and HAIR CARE

- Sun Care and After Sun Products
- Hand & Body Lotions/Gels
- Skin Cleansers (retains moisture)
- Shampoos/Conditioners/All-In-Ones
- Permanent Wave Solutions
- Facial Moisturizers
- Shaving/Depilatory Preparations
- Glamour Cosmetics (Hydrophilic)
- Anti-Dandruff Shampoos
- Styling/Sculpting Gels

### WHAT PERCENTAGE TO USE?

If you wish to meet the certification requirements of the International Aloe Science Council, your finished product must contain a minimum of 15% Aloe Vera.

Many consumers drink Aloe Vera Gel (juice) on a daily basis for overall health and as an aid to digestion. Most mix their Aloe Vera with a fruit or vegetable juice to make it more palatable, and typically drink two to four ounces, twice daily. For non-food applications, the percentage you use will depend on the application.

The key to remember is this: If you are using Aloe Vera in a product primarily to have it appear on the label, then concerns about the percentage to use (say below 5% Single Strength Equivalent "SSE") are really immaterial; However, if you want the product to perform better because of the presence of Aloe Vera Gel, then try using 10% SSE or more. You and the consumer will perceive a difference.

To achieve the equivalent of 100% Aloe Vera Gel (juice) in a product, the following is a guide to use when using one of our liquid concentrates:

	<b>1X</b> (Code: AG003)	<b>10X</b> (Code: AG011)	<b>40X</b> (Code: AG046)
<b>PERCENTAGE:</b>	100%	10%	2.5%

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# TECHNICAL BULLETIN

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## ALOE VERA GEL - REGULAR

INCI Name: Aloe Barbadensis Leaf Juice

SPECIFICATIONS:	1X	10X	40X
	Code: AG003 From Concentrate	Code: AG011	Code: AG046
APPEARANCE:	Clear to Slightly Hazy Yellow-Green Liquid	Clear to Slightly Hazy Light Amber Liquid	Clear to Slightly Hazy Amber Liquid with Possible Precipitate
GARDNER COLOR	3 Max	9 Max	16 Max
ODOR	Light Vegetable	Moderate Vegetable	Strong Vegetable
pH	3.5 - 5.0	3.5 - 5.0	3.5 - 5.0
SPECIFIC GRAVITY @ 25°C	0.997 - 1.004	1.022 - 1.032	1.100 - 1.120
TOTAL ALOE SOLIDS (%)	0.5 Min.	4.6 Min.	18.4 Min.
MICROBIOLOGY			
Total Plate Count	< 10 cfu/g No Pathogens	< 10 cfu/g No Pathogens	< 10 cfu/g No Pathogens
PACKAGING	5 Gallon Headpacks (42 lbs.) 55 Gallon Drums (459 lbs.)	5 Gallon Headpacks (43 lbs.) 55 Gallon Drums (470 lbs.)	5 Gallon Headpacks (45 lbs.) 55 Gallon Drums (495 lbs.)

**CAUTIONS:** This is a natural product which will darken with age. Slight fallout may occur over time. Protect from oxidation. Store at room temperature.

**DESCRIPTION:**

ALOE VERA GEL - REGULAR is a refined grade of Aloe Vera Gel for use in edible products, but may also be used in cosmetics, toiletries and O.T.C. pharmaceuticals. Terry Laboratories begins with freshly harvested leaves of the Aloe Vera Barbadensis Miller variety of Aloe. The inner gel (fillet) is carefully removed to minimize disruption of the Aloin layer. The gel is then further processed to remove the pulp and fiber. The resultant gel is then pasteurized and preserved to maintain its efficacy.

The gel is then concentrated utilizing low temperature evaporation to produce concentrates which save substantially on shipping and handling costs. The Aloe Vera Gel is filtered and stabilized through a specially designed proprietary process to maintain the color stability for extended shelf life and is preserved using globally recognized food grade preservatives.