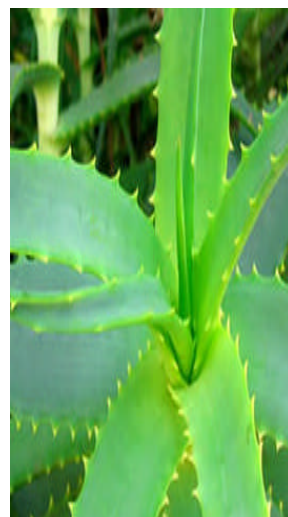


# Aloe Vera Oil Gel C1XW



Aloe Vera continues to be widely used in the cosmetic and personal care industries as a result of the multitude of health benefits associated with the plant.

Therapeutic properties of Aloe include;

- accelerated wound healing (external burns, cuts and scrapes) via increased collagen production,
- anti-inflammatory activity,
- antiseptic, anti-microbial action,
- moisturizing and soothing effects on dry skin.

Such properties are a direct result of Aloe Vera phytochemicals which are concentrated within the plant leaf. Aloe leaf extracts continue to be used by cosmetic and personal care formulators as a nature-based ingredient.

**Aloe Vera Oil Gel C1XW** is one of the first Aloe Vera gels which can be quantified in a vegetable oil and supported by high resolution nuclear magnetic resonance (NMR) data and is synthesized using powder from the whole leaf of the Aloe Barbadensis Miller plant.

## Description:

**Aloe Vera Oil Gel C1XW** is an Aloe Vera gel that is present in a highly stable and high quality non-transgenic Canola oil that is high in oleic and low in linolenic acid. The product is a clear oil consisting of a gel-like structure with outstanding thermostability and a high concentration of Vitamin E. **Aloe Vera Oil Gel C1XW** is produced through proprietary technology and uses the highest standard of *International Aloe Science Council* certified Aloe Vera concentrate. The product contains Aloe powder made from the whole leaf of the Aloe Barbadensis Miller plant at 0.5% solid concentrate by weight. Thus, **Aloe Vera Oil Gel C1XW** allows a higher concentration of Aloe Vera extract to be incorporated into cosmetic and personal care formulations.

## Functionality:

**Aloe Vera Oil Gel C1XW** is an ideal ingredient in cosmetic formulations as it can be used as a skin conditioner, emollient, film former, viscosity controlling agent and a viscosity building agent for anhydrous systems.

## Applications:

**Aloe Vera Oil Gel C1XW** can be used in a wide array of applications such as, lip balm, lipstick, lip gloss, pomades, bath gel, anhydrous liquid sunscreen gel, body and hand cream/lotion, moisturizing creams, shampoos and suntan products.

**INCI Name:** Canola Oil (and) Aloe Barbadensis Leaf Juice (and) Tocopherol

## Specifications:

<b>Appearance:</b>	Clear gel
<b>Odour:</b>	Light, characteristic
<b>Bacteriological Data:</b>	Total bacteria count (aerobic): <100 cfu/g (At the time of packaging)
<b>Solubility:</b>	Soluble in all vegetable oils, glycerol tri-isostearate, isosterarly isostearate, oleic acid, isostearic acid, coco-caprylate/caprata and mixed glycerides. Insoluble in silicone oil, ethanol and 1,2 propanadiol; partially soluble in water
<b>pH (1:20 water emulsion)</b>	4.6 - 6.6
<b>Gardner Colour (1:10 in mixed glycerides):</b>	Maximum 3
<b>Stability:</b>	Stable at room temperature. Keep away from heat and light. Store in original container under 25°C. Do not freeze.
<b>Recommended Usage Level:</b>	Normal: 1% to 10%(wt/wt) Others: 1% to 99% (wt/wt)
<b>Formulating pH:</b>	The recommended pH range is 3 to 8.
<b>Formulating Temperature:</b>	The recommended working temperature range is 25°C to 90°C.

Specifications are based on information available at the time of printing. This information is provided in good faith and is subject to the following conditions: 1. Natunola makes no warranty of any kind concerning any product, formulation or procedure or other matter contained in the information including, without limitation, any warranty that the sale or use of any product, formulation or procedure will not infringe any patent or other third party right; 2. The user of the information will not provide it to third parties and will indemnify and hold Natunola harmless from any liability arising out of the recipient's use of the information. (July, 2008)



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