



**Back To Your Roots Soil Solutions  
High Brix Manufacturing**

**Organic Paperwork for Verification 2019**

**CHI Liquid Fulvic(Concentrate)**



# OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program regulations.

## Product

CHI LIQUID FULVIC (Concentrate) 0-0-0.5

## Company

Canadian Humalite International, Inc.  
Edwin Liem  
9525-60 Ave  
Edmonton Alberta T6E 0C2 CANADA

## Status

Allowed

## Category

NOP: Humic Acids – alkali  
extracted

## Issue date

20-Mar-2012

## Product number

chi-2935

## Class

Crop Fertilizers and Soil  
Amendments

## Expiration date

01-Mar-2020

## Restrictions

Not applicable.

*Peggy Miers*

Executive Director/CEO

Product review is conducted according to the policies in the current *OMRI Policy Manual*® and based on the standards in the current *OMRI Standards Manual*®. To verify the current status of this or any OMRI Listed product, view the most current version of the *OMRI Products List*® at OMRI.org. OMRI listing is not equivalent to organic certification and is not a product endorsement. It cannot be construed as such. Final decisions on the acceptability of a product for use in a certified organic system are the responsibility of a USDA accredited certification agent. It is the operator's responsibility to properly use the product, including following any restrictions.



Organic Materials Review Institute  
P.O. Box 11558, Eugene, OR 97440-3758, USA  
541.343.7600 · info@omri.org · OMRI.org



## CHI LIQUID FULVIC (Concentrate)

CONTAINS NONPLANT FOOD INGREDIENT:

Guaranteed Analysis

Active Ingredient

Fulvic Acids.....1.1% (Colorimetric method)

Fulvic Acids.....0.43% (ISO 19822:2018)

READ ENTIRE LABEL CAREFULLY BEFORE USING THIS PRODUCT

### GENERAL INFORMATION

**CHI Liquid Fulvic (Concentrate)** is a liquid product derived from natural material rich in soil organic matters and humic substances. This product is best applied to plants. Soil organic matters and humic substances have been proven to improve the quality of soil, growth of soil organisms, and the uptakes of nutrients by plants.

### PURPOSE OF PRODUCT

Its primary use is to improve nutrient uptakes by leaves.

### RECOMMENDED APPLICATION RATES

#### **Agriculture:**

**Seed Treatment Sprays or Drips and Transplant Water:**

9 ounces per 1,000 USG solution (water and/or nutrients)  
OR 70 mL per 1,000 L solution (water and/or nutrients)

#### **Broadcast (Foliar)**

9 ounces per 1,000 USG solution (water and/or nutrients)  
OR 70 mL per 1,000 L solution (water and/or nutrients)  
foliar applied to plants up to 15% flowering  
OR

½ to 1 ounce per acre OR 35 to 70 mL per hectare

#### **Turf:**

**Broadcast (Foliar):**

9 ounces per 1,000 USG solution (water and/or nutrients)  
OR 70 mL per 1,000 L solution (water and/or nutrients)  
foliar applied throughout growing season  
OR

½ to 1 ounce per acre OR 35 to 70 mL per hectare

#### **Horticulture:**

**Trees, Shrubs, Bedding Plants, or Established Ornamentals:**

1 teaspoon per USG water OR 1/3 teaspoon per L water during watering

### MIXING DIRECTIONS

**CHI Liquid Fulvic (Concentrate)** is compatible with almost all liquid fertilizers, micronutrients, pesticides, and water. The addition of CHI Liquid Fulvic (Concentrate) to any products should not be done without first testing compatibility on a small scale. When mixing with pesticides, dilute CHI Liquid Fulvic (Concentrate) with water prior to the addition of buffering agents and pesticides. Do not tank mix with carbonate-based pesticides, as efficacy will decrease. Follow all directions and precautions on pesticide labels prior to mixing with CHI Liquid Fulvic (Concentrate). **DO NOT** mix CHI Liquid Fulvic (Concentrate) with calcium nitrate, phosphoric acid, zinc sulfate or other solutions with a pH of less than 6.0.

**NOTICE:** Canadian Humalite International Inc. warrants that this product meets all chemical descriptions on the label. When used according to the directions under normal conditions, the product is reasonably fit for the purpose stated on this label. However, Canadian Humalite International Inc. will not be liable for indirect damages resulting from the use or handling of this product. Ineffectiveness, crop injury, and other unintended consequences may result from the presence of other substances, weather conditions, and the way the product being applied, which are beyond the control of Canadian Humalite International Inc. Buyer shall assume all such risks when using the product.

**DISCLAIMER:** Not all products are available for purchase or authorized for use in every location. Some cities, states, and countries may require specific licensing and training to market, purchase, and apply some of the products. It is the responsibility of the distributor, retailer, and user to verify, before product sale and purchase, that the product is approved for the use in their city, state, and country.

**CAUTION:  
HARMFUL IF SWALLOWED  
KEEP AWAY OF REACH OF CHILDREN**

**Density: 8.5 lbs/US Gallon (1.02 kg/L)**



**PRODUCT OF CANADA**

Manufactured By:

**Canadian Humalite International Inc.**

9525 – 60 Avenue NW • Edmonton, AB • CANADA • T6E 0C2

Telephone: (780) 488-4810 • Facsimile: (780) 488-4814

Email: [info@cdnhumaliteintl.com](mailto:info@cdnhumaliteintl.com)

Website: [www.cdnhumaliteintl.com](http://www.cdnhumaliteintl.com)

**ICP ANALYSIS**

PARAMETER	VALUE	UNIT
Ag	<0.01	ppm
Al	72	ppm
As	0.17	ppm
B	<10	ppm
Ba	0.738	ppm
Be	<0.1	ppm
Bi	<0.05	ppm
Ca	<50	ppm
Cd	<0.005	ppm
Co	<0.1	ppm
Cr	<0.1	ppm
Cs	<0.01	ppm
Cu	<0.5	ppm
Fe	<10	ppm
K	4950	ppm
Li	<1.0	ppm
Mg	<5.0	ppm
Mn	0.49	ppm
Mo	0.198	ppm
Na	95	ppm
Ni	<0.5	ppm
P	<50	ppm
Pb	<0.05	ppm
Rb	0.28	ppm
S	<500	ppm
Sb	<0.1	ppm
Se	<0.05	ppm
Si	<100	ppm
Sn	<0.1	ppm
Sr	0.47	ppm
Th	<0.1	ppm
Te	<0.2	ppm
Ti	0.76	ppm
Tl	<0.010	ppm
U	0.155	ppm
V	<0.5	ppm
W	0.11	ppm
Zn	<3.0	ppm
Zr	0.096	ppm

**CHI LIQUID FULVIC (CONCENTRATE)**

**CHI LIQUID FULVIC (CONCENTRATE)** is a liquid product derived from natural material rich in soil organic matters and humic substances. This product is best applied to plants. Soil organic matter and humic substances have been proven to improve the quality of soil, growth of soil organisms, and the uptakes of nutrients by plants.

\*\* Can be diluted 150:1

**BASIC PARAMETERS**

PARAMETER	VALUE	UNIT
Organic matter	1.1	%
Fulvic Acid	1.1 <sup>1)</sup> 0.43 <sup>2)</sup>	%
Density	1,020 64	kg/m3 lbs/ft3
pH	9.8	-
Color	Dark Red / Orange	-

<sup>1)</sup> As received analysis - mass balance calculation

<sup>2)</sup> As received analysis – ISO 19822:2018

**ULTIMATE ANALYSIS**

PARAMETER	VALUE	UNIT
C	0.7	%
H	10.0	%
N	<0.1	%
O	88.4	%
S	<0.1	%
Inorganics (ash)	0.7	%
TOTAL	100.0	%



Manufactured By:

**Canadian Humalite International Inc.**

9525 – 60 Avenue NW • Edmonton, AB • CANADA • T6E 0C2

Telephone: (780) 488-4810 • Facsimile: (780) 488-4814

Email: [info@cdnhumaliteintl.com](mailto:info@cdnhumaliteintl.com)

Website: [www.cdnhumaliteintl.com](http://www.cdnhumaliteintl.com)

**PRODUCT OF CANADA**

October, 2018