

# Specification Data Sheet

## **SUPER HUME**

OCIA APPROVED

A highly concentrated form of organic Carbon/Humic acid derived from the highest most active quality Humate source, Leonardite. Leonardite is considered to be one of the most active Humate / Humic acid sources available.

### **CHEMICAL ANALYSIS**

#### Specifications

Since no two Humic acid batches are identical had taken and our lowest typical analysis and safely guaranteed the Humic and Fulvic acid in a liquid basis and dry basis. The below results are obtained from a third party laboratory using the California method of Humic acid determination.

	Typical (%)		Guarantee (%)	
	Dry Basis /	Liquid Basis	Dry Basis /	Liquid Basis
Humic Acid	4.88	14.65	3.00	13.00
Fulvic Acid	<u>15.08</u>	<u>45.28</u>	<u>14.00</u>	44.00
Total Humic Acid	<u>19.96</u> %	<u>59.93</u> %	<u>17.00</u> %	<u>57.00</u> %

#### **TYPICAL ANALYSIS:**

Nitrogen.....	0.29%	Manganese.....	0.001%
P2O5.....	1.14%	Iron.....	0.077%
K2O.....	2.60%	Copper.....	0.001%
Sulfur.....	0.20%	Calcium.....	0.25%
Boron.....	0.002%	Magnesium.....	0.049%
Zinc.....	0.001%		

#### **TYPICAL PROPERTIES**

BOILING POINT (F):.....	212
(C):.....	100
FREEZING POINT (F):.....	32
(C):.....	0
VAPOR PRESSURE (mm Hg): .....	N/A
PERCENT VOLATILE: .....	80.3
EVAPORATION RATE: .....	N/A
WEIGHT PER GALLON: .....	8.93 LBS
WEIGHT PER LITER: .....	1.05 KG
SPECIFIC GRAVITY: .....	1.6
VAPOR DENSITY (air=1):.....	N/A
DENSITY (g/cm3):.....	1.05
SOLUBILITY (in water): .....	COMPLETE
pH OF CONCENTRATE: .....	11.5
TOTAL SOLIDS: .....	12.8%

APPEARANCE AND ODOR: DARK BROWN LIQUID, EARTHY ODOR