



Technical Data Sheet
Humic Acid Product

Revised: 11/13/02

ENERSOL[®] SC

General Description	Enersol SC is composed of long chain, highly substituted molecular structures derived from humic acids. These humic acids form a unique complex with nutrients very similar to chelates.																										
Functional Use	Enersol SC is very active and is easily absorbed by the root. The high carbon content stimulates beneficial soil organisms. It's 93-98% water-soluble and can be mixed easily with other dry, soluble fertilizers.																										
Chemical Composition	Active ingredients: 85% minimum as Potassium Humate 65% minimum as Humic Acids																										
Elemental Composition	Typical analysis – moisture free. <table border="0" style="margin-left: 20px;"> <tr><td>Total Nitrogen (N)</td><td>1.00%</td></tr> <tr><td>Available Phosphoric Acid (P₂O₅)</td><td>0.02%</td></tr> <tr><td>Soluble Potash (K₂O)</td><td>13.47%</td></tr> <tr><td>Iron (Fe₂O₃)</td><td>1.15%</td></tr> <tr><td>MgO</td><td>0.50%</td></tr> <tr><td>CaO</td><td>2.22%</td></tr> <tr><td>Total Sulfur (S)</td><td>1.68%</td></tr> <tr><td>Boron (B)</td><td>0.02%</td></tr> <tr><td>Manganese (Mn)</td><td>0.02%</td></tr> <tr><td>Potassium (K)</td><td>8.50%</td></tr> <tr><td>Oxygen (O₂)</td><td>25.00%</td></tr> <tr><td>Titanium (It)</td><td>0.02%</td></tr> <tr><td>Carbon (C)</td><td>42.00%</td></tr> </table>	Total Nitrogen (N)	1.00%	Available Phosphoric Acid (P ₂ O ₅)	0.02%	Soluble Potash (K ₂ O)	13.47%	Iron (Fe ₂ O ₃)	1.15%	MgO	0.50%	CaO	2.22%	Total Sulfur (S)	1.68%	Boron (B)	0.02%	Manganese (Mn)	0.02%	Potassium (K)	8.50%	Oxygen (O ₂)	25.00%	Titanium (It)	0.02%	Carbon (C)	42.00%
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Moisture	5-10% as shipped																										
Color	Blackish Brown																										
pH	pH (20% Solution) 9.0 - 10.0																										
Toxicology	Acute Oral LD/50: Male and female albino rates greater than 5000 mg/Kg Acute Dermal LD/50: New Zealand white rabbits greater than 2 gm/kg																										
Application Rates	Apply 1-2 lbs. per acre. To formulate 7-14% humic acid, use 1-2 lbs. of Enersol SC per gallon of water per acre																										
Packaging	25 lb. multi-ply bags or 80 lb. drums																										

➤ The California Department of Food and Agriculture Test Method #HA4/JC was used to obtain % humic acid in Enersol SC.

Disclaimer: The information and data contained herein are believed to be accurate and reliable. ACC makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information