



AGRO-LIG® ULTRA FINE

Agro-Lig Ultra Fine is easily incorporated in the soil or can be used as an excellent feedstock for processes which make alkaline-extract humic substances.

Leonardite Source	Gascoyne, North Dakota, USA																						
Chemical Composition	Humic Acids (Dry Basis) 65% minimum Determined using ACC Procedure TP-3009																						
Elemental Composition	<p>Typical analysis – moisture free.</p> <table border="0"> <tr> <td>Total Nitrogen (N)</td> <td>0.5 – 1.5%</td> </tr> <tr> <td>Available Phosphorus (P₂O₅)</td> <td>0.01 – 0.05%</td> </tr> <tr> <td>Soluble Potash (K₂O)</td> <td>0.1 – 0.5%</td> </tr> <tr> <td>Iron (Fe₂O₃)</td> <td>0.5 – 1.5%</td> </tr> <tr> <td>MgO</td> <td>1.5 – 3.0%</td> </tr> <tr> <td>CaO</td> <td>1.0 – 5.0%</td> </tr> <tr> <td>Total Sulfur (S)</td> <td>1.5 – 3.0%</td> </tr> <tr> <td>Boron (B)</td> <td>0.01 – 0.05%</td> </tr> <tr> <td>Manganese (Mn)</td> <td>0.01 – 0.05%</td> </tr> <tr> <td>Potassium (K)</td> <td>0.05 – 0.1%</td> </tr> <tr> <td>Carbon (C)</td> <td>25 – 45%</td> </tr> </table> <p>Meets all regulatory restrictions on heavy metal content</p>	Total Nitrogen (N)	0.5 – 1.5%	Available Phosphorus (P ₂ O ₅)	0.01 – 0.05%	Soluble Potash (K ₂ O)	0.1 – 0.5%	Iron (Fe ₂ O ₃)	0.5 – 1.5%	MgO	1.5 – 3.0%	CaO	1.0 – 5.0%	Total Sulfur (S)	1.5 – 3.0%	Boron (B)	0.01 – 0.05%	Manganese (Mn)	0.01 – 0.05%	Potassium (K)	0.05 – 0.1%	Carbon (C)	25 – 45%
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Carbon (C)	25 – 45%																						
Moisture	14-22% as shipped																						
Bulk Density	45 lbs./ft ³ (721 kilogram/m ³)																						
pH	pH at 5% solids 3.5-5.0																						
Dry Particle Size	1% maximum retained on a 20 mesh (opening size 0.034 inch/864 microns) 55% minimum passing a 200 mesh (opening size 0.0029 inch/74 microns)																						

Last Updated July 2013

The information contained herein is believed to be accurate and reliable. AMCOL accepts no responsibility for the results obtained through use of this product. AMCOL reserves the right to update information without notice.

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