

MATERIAL SAFETY DATA SHEET

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SECTION I. PRODUCT IDENTIFICATION

Product Name: **Huma Connect 1 (Liquid)**
Physical State: Liquid
Trade Name: Humic Acid, Potassium Salt
CAS number: 68514-28-3

SECTION II. HAZARDOUS IDENTIFICATION

Emergency Overview: Not Classified

SECTION III. PHYSICAL DATA

Physical State:	Liquid	Melting Point:	N/A
Boiling Point (C):	104 C	Bulk Density (g/ml):	N/A
Vapor Pressure (mm Hg):	14.2 @ 20c	Solubility in water	100% Soluble
Percent Volatile by weight	80 water	pH (3% soln.):	9
Solubility in Water:	100%	Evaporation Rate:	Normal 0.4(water)
Appearance & Odor	Brown liquid with slight odor.		

SECTION IV. FIRE AND EXPLOSION DATA

Extinguishing Media: Not Applicable

Improper Extinguishing Media: Not Applicable

Special Fire Fighting Procedures: None

Fire and Explosion Hazards: None

SECTION V. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient Name:	CAS No.	Percent
Humic Acid, Potassium Salt	68514-28-3	20%
Water	7732-18-5	80%

SECTION VI. FIRST AID MEASURES

Eyes: Irrigate with potable water.
Skin: Skin should be flushed with clean water.
Inhalation: Move to fresh air.
Ingestion: Give water to dilute and get medical attention.

SECTION VII. TOXICITY DATA

Acute (Single Exposure) Route of exposure	Toxic Test. Value/unit	Product/Similar Product Species
Oral LD50	>5,000mg/kg	Rat
Skin Contact:	Slightly irritation to skin	
Eye contact:	Minimally irritation to eyes	
Sensitization to Material:	None Known.	
Chronic Toxicity:	Product/ Similar product	
Carcinogen listings:	Not a carcinogen	
Mutagenicity:	Not known	

SECTION VIII. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protection recommended in Section 8
Environmental Precautions:	Avoid infiltration of large quantities into drains, surface water, groundwater and soil.
Methods for Containment:	Stop leak, use berms, dikes, absorbent material and drain covers.
Methods for Clean-up:	Mechanically collect and remove spilled material. Area may be washed with water.

SECTION IX. EXPOSURE CONTROLS/ PERSONAL PROTECTION

OSHA PELV:	None Established
Exposure Control:	Adequate ventilation for comfort is recommended.
Respiratory Protection:	Normally not needed. Use NIOSH approved respirator when dusts, mists, or vapors are present.
Hand Protection:	Gloves recommended for prolonged exposure.
Eye Protection:	Goggles recommended for prolonged exposure.
Personal Protection:	Clothing which contacts skin should be changed daily.

SECTION X. TRANSPORTATION INFORMATION

Shipping Name- Dot	Coal- Class 50	Harmonized tariff Code for US: 2702.10.1000
Hazard Class- Dot	Not Restricted	Hazard Class- IATA: Not Restricted
UN Number:	Excluded	EU Classified as Dangerous No Goods:

SECTION XI. REGULATORY INFORMATION

GLOBAL CHEMICAL INVENTORY STATUS

SECTION XII. DISPOSAL INFORMATION

General Regulations:	Dispose or destroy in accordance with official recommendations and applicable legislation.
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