



SOILPLEX SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:	Soilplex
Also known as:	Organic Liquid Humic Acid/ Potassium Humate
CAS#	68514-28-3
Supplier's Name:	Geoponics Corp.
Address:	3415 Radio Road Unit 105 Naples, FL 34104
Emergency Phone	800 424 9300
Company Phone:	239.261.6500

SECTION 2: COMPOSITION/INFORMATION OF HAZARDOUS INGREDIENTS

Product Description:	Liquid soil amendment derived from high quality coal. Humic Acid content: 12-14 %
Dangerous Ingredients:	None

SECTION 3: HAZARDS IDENTIFICATION

Important hazards:	None
Risk Phrases:	Eye contact may cause slight irritation. Skin contact and ingestion are not considered harmful or dangerous.
Safety Phrases:	In case of contact with eyes, rinse with water. After contact with skin, wash with water if necessary. If ingested, rinse mouth and drink plenty of water. Under normal use conditions of the product, no personal protective equipment is required. Protective clothing and/or eye protection may be used in industrial/manufacturing environments.

SECTION 4: FIRST AID MEASURES

Symptoms and Effects:	No typical symptoms and effects known.
General:	Product not known to cause any health issues that require first aid. In all cases of doubt, or when symptoms persist, seek medical attention.
Inhalation:	No action required.
Ingestion:	Rinse mouth. Dilute the stomach contents by giving large amounts of water or milk.

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Eyes: Hold eye open and flush with water for 15-20 minutes. Remove contact lenses if present, and after the first 5 minutes, then continue rinsing eye. Skin: Remove contaminated clothing and wash with soap and water. Launder clothes before re-use. Product is not known to cause skin irritation.

SECTION 5: FIRE-FIGHTING MEASURES

Flammability:	Not considered a fire hazard.
Means of Extinction:	Not applicable.
Special Procedures:	Not applicable.
Dust Explosion Hazard:	Not considered an explosion hazard.
Flash Point:	Not applicable.
Minimum Explosive Hazard	Not considered an explosion hazard.
MIE:	Not applicable.
Auto Ignition Temperature:	Not applicable
Flammable Limits in % by volume:	Not applicable.
Means of Extinction:	Use media appropriate for surrounding fire.
Hazardous Combustion Products:	No information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	The usual precautions for handling organic bio-stimulants should be observed.
Environmental Precautions:	No environmental hazards are associated with this product. Prevent from entering sewers, waterways or low areas.
Spill Procedure:	Take steps to control product discharge into the environment. Notify appropriate authorities and arrange for the recovery of spilled material.
Methods for Clean-up:	Dilute and wash away with large amounts of water.
Additional Advice:	Dispose of in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

Handling Procedures:	No specific recommendations.
Fire and Explosion:	No specific recommendations.
Storage Requirements:	Store out of sunlight. Suitable for general storage areas. Keep product container closed and avoid high temperatures.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	The usual precautionary measures for handling chemicals should be observed.
Exposure Limits:	No exposure limit has been established.
Personal Protection:	Safety goggles, coveralls and protective footwear are recommended when handling bulk quantities of the product.
Respiratory Protection:	Not required if using the product outside in the fresh air. If using in an enclosed area, make sure there is good ventilation.
Hand Protection:	Gloves may be worn but not required
Eye Protection:	It is recommended that eye protection be worn when spraying.
Skin and Body:	No specific recommendations.
Hygiene Measures:	Wash hands and face after handling the product. Wash clothing to avoid staining.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Blackish/brown
Physical State:	Liquid
Explosive Properties:	N/A
Explosion Limits:	N/A
Odor:	Odorless/ Wet soil-like
Odor Threshold:	Not applicable
Vapor Pressure:	Not available
Vapor Density:	Not available
Evaporation Rate:	Not applicable
Boiling Point:	212° F / 100° C
Oxidizing Properties:	None Known
Specific Gravity: (H2O = 1)	1.05
Coefficient of Water/Oil Distribution:	Not applicable
Density:	8.76
Solubility in Water:	Soluble
Solubility in Other Solvents:	Not determined
pH Value:	~ 9.45

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	The product is stable under ambient conditions.
Incompatibility with Other Substances:	Strong acids. Powerful oxidizing compounds may cause gassing. Aqua ammonia, Carbonate-based pesticides calcium nitrate, zinc sulphate and solutions with pH< 6
Hazardous Polymerization:	Will not occur.
Conditions of Chemical Instability:	Not applicable.
Conditions of Reactivity:	None.
Hazardous Decomposition Products:	Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

Route of Entry:	None
Effects of Acute Exposure to Product:	None
Effects of Chronic Exposure to Product:	None
Irritability of Product:	None
Sensitization to Products:	Negligible
Carcinogenicity:	Not considered a human carcinogen
Teratogenicity:	Not established
Reproductive Toxicity:	Not established
Mutagenicity:	Not established
Synergistic Products:	Not established

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity:	No Data Available. Not considered toxic.
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SECTION 13: DISPOSAL CONSIDERATIONS

Product:	Dispose of in accordance with applicable environmental regulations, including local requirements.
Spilled Material:	Dilute and wash away with water.
Contaminated Packaging:	Triple rinse containers before disposal. If recycling, replace cap and return clean container to collection point. Empty containers can be disposed of in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT:

Not classified * There are no transport regulations or restrictions for this product.

SECTION 15: REGULATORY INFORMATION

None applicable

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

None known

PREPARATION INFORMATION:

IN ACCORDANCE WITH GOOD PRACTICES FO PERSONAL CLEANLINESS AND HYGIENE. HANDLE WITH DUE CARE AND AVOID UNNECESSARY CONTACT WITH THIS PRODUCT.

DISCLAIMER:

This information only concerns the above mentioned product and is not valid if used with other products or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's responsibility to make sure that the information is appropriate and complete for his special use of this product. Geoponics Corp. makes no representation or warranties, either expressed or implied, including without limitation and warranties of merchant ability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Geoponics Corp. will not be responsible for damages resulting from use of or reliance upon this information.