

# SAFETY DATA SHEET

## SECTION I: CONTACT INFORMATION

MANUFACTURERS NAME:

HYDROPONIC RESEARCH INC.

ADDRESS: 4570 Alvarado Canyon Rd. SUITE H SAN DIEGO, CA 92120

TELEPHONE NUMBER: (619) 929-1151

DATE PREPARED: October 2nd, 2013

## SECTION 1I: COMPOSITION & INGREDIENT INFORMATION

PRODUCT NAME: +LIFE

DESCRIPTION: Free flowing powdered microbial inoculant containing natural, non genetically altered beneficial soil microorganisms (bacteria, actinomycetes, fungi), microbial nutrients (dextrose, sucrose, amino acids, vitamin blend, natural silica), potassium sulfate, ferrous citrate, manganese EDTA

## SECTION III: HAZARDS IDENTIFICATION

None of the ingredients in this material meet the definition of "Hazardous Chemical" 29 CFR1910.1200

EFFECTS OF OVEREXPOSURE: Acute: may cause slight eye & throat irritation

Chronic: None known

GENERAL PRECAUTIONS: Always practice good hygiene wash hands thoroughly after handling. Do not get in eyes or on skin. Do not ingest. MEDICAL CONDITIONS RECOGNIZED

AS BEING AGGRAVATED BY EXPOSURE: None PRIMARY ROUTE OF ENTRY: Eyes, skin

ATCC CLASSIFICATION: Bio-Safety Level 1

## SECTION IV: FIRST AID INFORMATION

SKIN: Remove contaminated clothing and wash hands thoroughly after use. If irritation occurs consult with physician. EYES: Flush eyes with cool water for 15 minutes, remove contact lenses and consult physician if irritation persists INGESTION: If conscious rinse mouth and dilute with fluids. Consult physician or poison control for further treatment advice INHALATION: Move person to fresh air and consult physician for further treatment advice. NOTE TO PHYSICIAN (Antidote): N/A

## SECTION V: FIRE FIGHTING MEASURES EXTINGUISHING MEDIA:

Use appropriate media for underlying cause of fire. SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. Product is not flammable and can be quickly diluted with water.

FLASH POINT: N/A

SPECIAL FIRE HAZARDS: None

SPECIFIC HAZARDS: None

**SECTION VI: ACCIDENTAL RELEASE MEASURES AND DISPOSAL STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear protective equipment sweep up spill.

Dispose of in accordance with local, state & federal regulations.

REPORTABLE QUANTITY (RQ) UNDER CERCLA: NO

**SECTION VII: STORAGE AND HANDLING PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:** Do not get in eyes, breathe in dust or ingest. Upon contact wash affected area with soap and water. Store in original container with lid tightly secured. Store product in a cool, dry place on a pallet or rack system. Avoid excessive heat & sunlight. OTHER: Always follow label directions.

**SECTION VIII: EXPOSURE CONTROLS AND PERSONAL PROTECTION PERSONAL PROTECTIVE EQUIPMENT EYE / FACE PROTECTION:**

Eye protection (OSHA Approved) is recommended if potential for excessive dust exists

HAND / SKIN PROTECTION: Individuals with sensitive skin should wear OSHA approved Gloves

RESPIRATORY PROTECTION: None Required

OTHER: Wear pants, shirt, shoes and socks

ENGINEERING CONTROLS:

Local exhaust or general ventilation to maintain exposure below PEL

NO PEL established

**SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: free flowing powder with characteristic fermentation odor

SOLUBILITY: partially soluble in water

BOILING POINT: N/A

MELTING POINT: 83o C

FREEZING POINT: N/A

EVAPORATION RATE: N/A

VAPOR DENSITY (Air = 1): N/A

SPECIFIC GRAVITY: 1.6

BULK DENSITY: N/A pH (as is): 6 – 7 (10 % Slurry)

**SECTION X: STABILITY AND REACTIVITY INFORMATION**

HAZARDOUS DECOMPOSITION PRODUCT: None

INCOMPATIBILITY: Acids, bases, heat sources, reducing agents, disinfectants \

STABILITY: Stable under normal conditions

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID: Excessive moisture & heat during storage

**SECTION XI: TOXICITY INFORMATION**

ACUTE TOXICITY

Inhalation LD50= N/E

Oral LD50= N/E

OTHER (specify): No

No Dermal LD50= N/E

CARCINOGENICITY REFERENCE

I.A.R.C: No

N.T.P.: No

O.S.H.A.: NO

SECTION XII: ECOLOGICAL INFORMATION

Avoid discharge into streams, lakes, waterways & storm drains

SECTION XIII: TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not regulated

UN NUMBER: None

HAZARD CLASS: None (Non Hazardous)

PRIMARY HAZARD LABEL: None

SUBSIDIARY RISK LABEL: None

WHMIS CLASSIFICATION: N/A

SECTION XIV: REGULATORY INFORMATION

SARA 311

None of the ingredients are reportable under SARA 311

SARA 312

None of the ingredients are reportable under SARA 312

RCRA

This product does not contain any ingredients on RCRA P or

U lists of Federal Hazardous Waste

OTHER

\* None of the ingredients in this material meet the definition of "Hazardous Chemical" 29 CFR1910.1200

\* This product does not contain any ingredients on the Clean Air Act (CAA) list of Hazardous Waste.

TO THE BEST OF OUR KNOWLEDGE THIS INFORMATION IS TRUE AND ACCURATE. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING THIS PRODUCT SHALL MAKE HIS / HER OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR THEIR PARTICULAR PURPOSE. THIS INFORMATION IS PROVIDED IN GOOD FAITH BUT WITHOUT EXPRESSED OR IMPLIED WARRANTY. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO TAKE APPROPRIATE PRECAUTIONS