SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Carbon One

MANUFACTURER: Carbon One LLC
ADDRESS: 501 N Quay St. A-104 Kennewick, WA 99336

EMERGENCY PHONE: 509-366-5857
OTHER CALLS: 509-735-1727
FAX PHONE: 509-735-6464

PRODUCT USE: Starter Fertilizer/Foliar
PREPARED BY: Carbon One LLC.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Mixed fertilizer solution

OSHA PEL-TWA: N/A
OSHA PEL STEL: N/A
OSHA PEL CEILING: N/A

ACGIH TLV-TWA: N/A
ACGIH TLV STEL: N/A
ACGIH TLV CEILING: N/A

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Carbon One is considered a low health hazard

ROUTES OF ENTRY: Eyes, skin, ingestion, inhalation.

POTENTIAL HEALTH EFFECTS

EYES: Could cause watering of the eyes in sensitive people.
SKIN: Could cause skin irritation in sensitive people due to its low pH.
INGESTION: None known.
INHALATION: Could cause nasal irritation in sensitive people.

CARCINOGENICITY

OSHA: N/A
ACGIH: N/A
NTP: N/A
IARC: N/A

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes immediately and thoroughly with water for at least 15 minutes. If irritation persists, seek medical attention.
SKIN: Flush skin immediately and thoroughly with water. If irritation persists, seek medical attention.
INGESTION: If conscious, immediately give large quantities of water and induce vomiting. Seek medical attention immediately.
INHALATION: Generally not considered an inhalation hazard.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A (% BY VOLUME)
LOWER: N/A

FLASH POINT:
F: 212

METHOD USED: ASTM D92
NFPA HAZARD CLASSIFICATION
HEALTH: 1 
FLAMMABILITY: 0 
REACTIVITY: 0 
OTHER: 0

HMIS HAZARD CLASSIFICATION
HEALTH: 1 
FLAMMABILITY: 0 
REACTIVITY: 0 
PROTECTION: 0

EXTINGUISHING MEDIA: This material should not burn, but if it does, use foam or water to control flames.

SPECIAL FIRE FIGHTING PROCEDURES: None required

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon dioxide, Ammonia

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: In case of spill, contain and maximize recovery. Pump up or mop up promptly in plastic containers. Absorb with sand or kitty litter. The material does contain bacteria, so treat with bleach or biocide inactivate the bacteria. In case of spill, contain and maximize recovery. Pump up or mop up promptly in plastic containers.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: N/A

OTHER PRECAUTIONS: Use rubber gloves and protective eyewear when handling product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A

VENTILATION: Provide adequate ventilation for local areas.

RESPIRATORY PROTECTION: Respirators are not required under normal conditions.

EYE PROTECTION: Safety glasses/googles are recommended.

SKIN PROTECTION: N/A

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brown, viscous liquid.

ODOR: Organic/earthy odor.

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 2.3

BOILING POINT: 
F: 212

VAPOR DENSITY (AIR = 1): 
@ F:
C:

SPECIFIC GRAVITY (H2O = 1): 1.19 @ 72 F

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: 100%

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PERCENT SOLIDS BY WEIGHT: N/A
PERCENT VOLATILE: N/A
BY WT:  BY VOL @
      F:  C:
VOLATILE ORGANIC COMPOUNDS (VOC): None
WITH WATER:  LBS/GAL
WITHOUT WATER:  LBS/GAL
MOLECULAR WEIGHT: N/A
VISCOSITY: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: This product is stable
CONDITIONS TO AVOID (STABILITY): None known
INCOMPATIBILITY (MATERIAL TO AVOID): Water-reactive materials.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Ammonia
HAZARDOUS POLYMERIZATION: N/A
CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: N/A

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Do not allow entry in drinking water.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Disposal of Carbon One may be subject to federal, state and local regulations. Users of this product should review their operations in terms of applicable federal, state and local laws and regulations, then consult with appropriate regulatory agent before discharging or disposing.

RCRA HAZARD CLASS:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: Carbon One
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: HEALTH: 1  FLAMMABILITY: 0  REACTIVITY: 0  PROTECTION: 0

WATER TRANSPORTATION
PROPER SHIPPING NAME: Carbon One
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: HEALTH: 1  FLAMMABILITY: 0  REACTIVITY: 0  PROTECTION: 0
MATERIAL SAFETY DATA SHEET
CARBON ONE
MSDS DATE: 2/11/2013

AIR TRANSPORTATION
PROPER SHIPPING NAME: Carbon One
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTION: 0

OTHER AGENCIES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): Yes
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): No
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A
311/312 HAZARD CATEGORIES: N/A
313 REPORTABLE INGREDIENTS: Ammonium Phosphate, Ammonium Sulfate, Potassium Phosphate

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: Carbon One LLC.

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