

MATERIAL SAFETY DATA SHEET

CULTURED SOLUTIONS™ BLOOM A
6/6/2012

FILE NO.:
MSDS DATE:

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Cultured Solutions™ Bloom A
PRODUCT CODE: CSBLOOMA

MANUFACTURER: Current Culture H2O™
4067 W Shaw Ave Ste 112
Fresno, CA 93722
Phone: 559-266-4769

PRODUCT USE: Hydroponic plant nutrient.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

Liquid Fertilizer NPK 3.7 – 0 – 3 with trace minerals.

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Contains no hazardous ingredients.			

SECTION 3: HAZARDS IDENTIFICATION

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

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation, redness and pain.

SKIN: May cause irritation.

INGESTION: Ingestion may cause gastrointestinal irritation.

INHALATION: May cause irritation.

SECTION 4: FIRST AID MEASURES

EYES: Flush with clean water, if irritation occurs seek medical advise.

SKIN: Wash with water and soap

INGESTION: Drink a copious amount of water, seek medical advise.

INHALATION: Remove to fresh air, seek medical advise.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMABILITY CLASSIFICATION: Non-Combustible.

EXTINGUISHING MEDIA: Water, carbon dioxide, dry chemical, fog or foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Container may explode in heat of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL/ LEAK PROCEDURES: Clean area with absorbent towel or mop.

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter drains, sewers or water courses.

SECTION 7: HANDLING AND STORAGE

HANDLING: Avoid ingestion, inhalation, skin contact and eye contact.

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STORAGE: Keep in sealed containers in a cool, dry area. Store above freezing conditions. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Provide general or local exhaust ventilation systems to maintain airborne concentrations as low as possible.

RESPIRATORY PROTECTION: If this product is used as directed, respiratory protection is not required.

EYE PROTECTION: When handling Bloom A, protective eyewear or goggles should be worn per OSHA regulations (29 CFR 1910.134).

SKIN PROTECTION & PROTECTIVE CLOTHING: Wear when the possibility of skin or clothing contamination may exist. Wear neoprene or nitrile gloves when directly handling the product.

WORK HYGIENIC PRACTICES: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this product, especially before eating drinking, smoking, using the toilet, or applying cosmetics.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Transparent brown liquid.

ODOR: None.

PHYSICAL STATE: Aqueous liquid.

pH AS SUPPLIED: 5.7

BOILING POINT: 101°C

FREEZING POINT: -1°C

SPECIFIC GRAVITY (H₂O = 1): 1.1

WATER SOLUBILITY: Soluble

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable at room temperature in closed containers, under normal storage and handling conditions. Unstable at high temperatures.

CONDITIONS TO AVOID (POLYMERIZATION): Evaporating to near dryness. Mixture with combustible materials, high temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not believed to be toxic

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Unknown

Environmental Fate: Not expected to be significant

Environmental Degradation: Unknown

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Follow Federal, State, and local regulations.

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SECTION 14: TRANSPORT INFORMATION

DOT Transportation Data (49 CFR 172.101): Not listed

SECTION 15: REGULATORY INFORMATION

EPA Regulations: Not listed

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Cultured Solutions™ Bloom A is a plant nutrition product. Information assembled for this Material Safety Data Sheet is for the use of this product as intended by the manufacturer. Users should take all precautions recommended herein while working with this product.

DISCLAIMER: Current Culture H2O™ provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in using this product.

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