

# MATERIAL SAFETY DATA SHEET

CULTURED SOLUTIONS™ BLOOM A

FILE NO.:  
MSDS DATE:8/8/2016

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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

**MANUFACTURER:** Current Culture H2O™  
4333 S Minnewawa Ave. – Suite 101  
Fresno, CA 93725  
Phone: 559-266-4769, Fax: 559-486-4769

**PRODUCT USE:** Hydroponic plant nutrient.

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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**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.			

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## SECTION 3: HAZARDS IDENTIFICATION

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**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.

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## SECTION 4: FIRST AID MEASURES

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**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.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

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## SECTION 7: HANDLING AND STORAGE

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

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

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**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.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**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 (H<sub>2</sub>O = 1):** 1.1

**WATER SOLUBILITY:** Soluble

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## SECTION 10: STABILITY AND REACTIVITY

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**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.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** Not believed to be toxic

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## SECTION 12: ECOLOGICAL INFORMATION

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**Ecotoxicity:** Unknown

**Environmental Fate:** Not expected to be significant

**Environmental Degradation:** Unknown

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## SECTION 13: DISPOSAL CONSIDERATIONS

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

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## SECTION 14: TRANSPORT INFORMATION

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**DOT Transportation Data (49 CFR 172.101):** Not listed

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## SECTION 15: REGULATORY INFORMATION

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**EPA Regulations:** Not listed

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## SECTION 16: OTHER INFORMATION

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**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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