

BLACK BOOSTER

BIOSTIMULANT LIQUID FERTILIZER
SOURCE OF HUMIC AND FULVIC ACIDS



MATERIAL SAFETY DATA SHEET (MSDS)

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **BLACK BOOSTER**
GENERIC/Common Name: Liquid Fertilizer
COMPANY IDENTIFICATION: Yura Grow USA Inc.
ADDRESS: 2000 Marshall Huff Road
Dallas, GA 30132
TEL: +1 (770) 652 8099
EMAIL: info@yuragrow.com

II. COMPOSITION, INFORMATION ON INGREDIENTS

Components	C.A.S No.	% Volume
Magnesium sulfate heptahydrate	10034-99-8	0,08 – 0,12
Tetrasodium E.D.T.A.	64-02-8	0,08 – 0,12
Citric Acid	77-92-9	0,08 – 0,12
Acetic Acid	64-19-7	0,08 – 0,12

III. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture:

H 3 F 0 R1 **Personal protection** 1B

GHS – US classification

- H320: Warning. Causes eye irritation, category 2.
- H333: Warning. May be harmful if inhaled, category 5.
- H303: Warning. May be harmful if swallowed, category 5.
- H313: Warning. May be harmful in contact with skin, category 5.

GHS – Pictogram

Eyes:



Potential health effects

Eyes: May cause eye irritation. Depending in the exposure time it may cause redness, pain and possible blurry vision.

Skin: May cause irritation. Depending on the exposure time it may cause redness, itching and pain.

Inhalation: Direct inhalation of vapors may cause irritation of the respiratory tract.

Ingestion: May cause irritation of gastrointestinal tract. If copious amounts of product are ingested it may cause abdominal pain, nausea and vomiting, and loss of consciousness.

Medical Conditions Aggravated by Long-Term Exposure: None known. People with preexistent medical conditions or sensitivity to the components may be more likely to suffer effects from exposure.

Chronic effects: None known.

IV. FIRST-AID MEASURES

EYE CONTACT	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Remove contact lenses immediately. Get medical attention.
SKIN CONTACT	Wash with soap and water for at least 15 minutes. Get medical attention if irritation persists.
INHALATION	Move person to fresh air. Get medical attention if any symptom continues.
INGESTION	Do not induce vomit. Rinse mouth with plenty water and drink water. Get medical attention if any symptom continues.
NOTE TO DOCTOR	Treat symptomatically .

V. FIRE-FIGHTING MEASURES

FLASH POINT	Not applicable.
FIRE HAZARD	Non combustible.
EXPLOSION HAZARD	Non known.
SUITABLE EXTINGUISHING MEDIA	Adapt extinguishing media to the environment.
UNSUITABLE EXTINGUISHING MEDIA	No unsuitable extinguishing media known.
FIREFIGHTING INSTRUCTIONS	Use appropriate firefighting protective clothes and respiratory apparatus. Water may be used to

cool down containers exposed to fire.

**PRECAUTIONARY MEASURES
DUE TO FIRE**

Toxic gases may be generated generated during fires, like carbon oxides, nitrogen oxides and phosphoric oxides.

VI. ACCIDENTAL RELEASE MEASURES

Use adequate protective clothing at all times. Stop leak if possible, without further personal risk. Immediately contain the spill with sand, soil or any other inert material. Transfer the spilled material to available and suitable container for its further disposal. Never return spills to original containers for re-use. Clean the area with water.

Large spills: Dike for later disposal Isolate hazard area. Contact local health authorities.

VII. HANDLING AND STORAGE

- Store and handle in accordance to all local and current regulations.
- Do not wear contact lenses while handling it.
- Use impervious gloves and clothing while handling.
- Store in a cool, dry and ventilated area.
- Store in plastic containers.
- Keep away from oxidizing agents.
- Keep away from the reach of children.
- Keep away from the reach of animals.

GHS – US Storage precautionary statements: none.

VIII. EXPOSURE CONTROL AND PERSONAL PROTECTION

EYE PROTECTION

Wear splash resistant safety goggles with a face mask. Do not wear contact lenses while handling the product.

SKIN PROTECTION

For prolonged use we recommend the use of impervious protective gloves, clothing and boots that are protective against chemicals.

RESPIRATORY PROTECTION

Not necessary during normal use or when compliance to exposure limits is met.

VENTILATION

Work in a well-ventilated area.

ENGINEERING CONTROLS

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide local exhaust or general room ventilation.

GHS – US precautionary statements: P264: Wash hands thoroughly after handling.

IX. PHYSICAL AND CHEMICAL DATA

Appearance	Dark color	Physical state	Liquid
Boiling point	~110 °C	Solubility (Water)	Complete
Evaporation rate	N.A.	Gravity	1.45 g/mL
Freezing point	N.A.	Vapor density	N.D.
Fusion point	N.A.	Vapor pressure	N.D.
Molecular weight	N.A.	Viscosity	N.D.
Odor	Sweet		
pH	2.5 – 3.5		

X. STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use.

INCOMPATIBILITIES

Releases hydrogen when in reaction to chlorides and stainless steel, foods, metals, alcohols, aldehydes, esters, phenols, ketones, sulfides, cyanides and organic peroxides. Keep in a cool, dry and well-ventilated area.

HAZARDOUS POLIMERIZATION

Will not occur.

XI. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE

Eye contact, ingestion, inhalation.

TOXICITY DATA

LD50 = > 3000 mg/Kg.

CHRONIC TOXIC EFFECTS

Carcinogenic Effects: Not determined.

Mutagenic Effects: Not determined.

Teratogenic Effects: Not determined.

Developmental Effects: Not determined

ACUTE TOXIC EFFECTS

Not determined.

XII. ECOLOGICAL INFORMATION

No ecological effects determined. It's not expected to generate aquatic toxic effects.

XIII. DISPOSAL CONSIDERATIONS

Dispose in accordance to national, state and local regulations.

XIV. TRANSPORT INFORMATION

D.O.T.: Not regulated.

Transport hazard class: Fertilizing Compounds (Manufactured), Liquid. NMFC Item
68140 Sub 6, LTL Class 70.

IATA: Not regulated

IMDG: Not regulated

XV. REGULATORY INFORMATION

Not enlisted or regulated by SARA 313.

Not regulated by CERCLA, RCRA or TSCA.

XVI. ADITIONAL INFORMATION

Revision date: April 27th, 2019

Disclaimer: The information provided on this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. This information is to be used only as a guide for safe handling, use, storage, transportation, and disposal and is not to be considered as a warranty or quality specification. The information relates only to the specified material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issues or pending which may be the property of the manufacturer or others. The information in this sheet has been assembled by the manufacturer based on its own studies and/or on the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy,

completeness, adequacy, or furnishing of such information. Users should make their own investigations to determine the suitability of the information for their particular purposes or use. YURA GROW USA Inc. assumes no responsibility or liability for any incidental or consequential damages whether related to personal injury or property damage, to vendees, users or third parties, caused by the material; and YURA GROW USA Inc.'s responsibility is limited to replacement of, or repayment of, the purchase price for the material(s) with respect to which any damages are claimed. All vendees or users assume all risk associated with the use of the material(s).