



SAFETY DATA SHEET

Trade name: Flow
Product No: 64416

Print date: 6/20/2018

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: UB 110x Fully Preserved

Product Use: Liquid preparation containing naturally occurring bacterial cultures used to Digest waste and reduce obnoxious odors.

Manufacturer Name and Address: Gardens Alive 230 Mary St., Greendale IN 47025

Emergency Phone Numbers: (513) 354-1483

SECTION 2: HAZARDS IDENTIFICATION

	110x Concentrate	Ready-to-use (diluted 1:109 with water)
GHS Classification	Acute hazard Oral: CATEGORY 5, Acute hazard Dermal: CATEGORY 5, Eye Irritation: CATEGORY 2B	Not Classified
GHS Label Elements		
Signal Word:	WARNING	None
Symbols:	(none)	None
Hazard Statements:	Reversible adverse effects in dermal tissue. Reversible adverse effects on cornea, iris, conjunctiva.	May cause skin and eye irritation
Precautionary Statements	May be harmful if Swallowed. Causes skin irritation. Causes eye irritation. May cause respiratory irritation if inhaled.	
Prevention:	Avoid contact with eyes and skin.	Avoid contact with eyes and skin.
Response:	If in eyes: flush eyes with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. Call a physician if symptoms persist. If on skin, clothing or hair: wash contaminated clothing and rinse area with water. If swallowed: Call a physician if exposed and feeling unwell.	Wash hands thoroughly after use.

SECTION 3. HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

Product contains no hazardous ingredients at reportable concentrations.



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SECTION 4: FIRST AID MEASURES

	110x Concentrate	Ready-to-use (diluted 1:109 with water)
Eye Contact:	If this product enters the eyes, flush eyes with water for 15 minutes. If symptoms occur, consult a physician	Rinse with water for a few minutes. Consult physician if symptoms occur.
Skin Contact:	If the product contacts the skin, rinse skin with soap and water. Consult a physician if symptoms persist.	Rinse with water. Consult physician if symptoms occur
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.	Move to a ventilated location. Consult physician if symptoms occur.
Ingestion:	If swallowed, do not induce vomiting. Seek Medical attention.	Get medical attention if symptoms occur.

SECTION 5: FIREFIGHTING MEASURES

Fire and Explosion Preventive Measures: Isolate from alkalis, oxidizers, extreme heat, and open flame.

Extinguishing Media: In case of fire, use appropriate extinguishing agent for surrounding fires. Carbon Dioxide, dry chemical powder, alcohol resistant foam or water spray.

Unusual Explosion and Fire Procedures: May emit hazardous fumes under fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill And Leak Response And Environmental Precautions:

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective Equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

Personal Protective Equipment:

Wear a self contained breathing apparatus, rubber boots and gloves, and disposable coveralls. Dispose of coveralls after use. Keep unprotected persons away.

Environmental Precautions:

Keep spills out of sewers and bodies of water. Dike and contain the spill with inert material. Absorb on sand, vermiculite or diatomite. Transfer material to a container for disposal or recovery. Ventilate area and wash spill site after material pickup is complete.

Containment And Clean-Up Measures:

Absorb spilled liquid with polypads or other suitable absorbent materials. If necessary, neutralize using suitable buffering Material, (acid with soda ash or base with phosphoric acid), and test the area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as sand, soil, and so on). Shovel up and place all spill residue in suitable Containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and Product characteristics at time of disposal (see section 13-disposal considerations).



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SECTION 7: HANDLING AND STORAGE

Handling: Avoid breathing dust, vapor, mist or gas. Avoid contact with skin and eyes. Avoid prolonged or repeated Exposure. Open and handle container with care. Keep ignition sources away.

Storage: Store in a tightly closed container in a dry, well-ventilated place.

Storage Temp: 15-30°C

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

The user, as part of a formal exposure risk assessment, should decide upon the provision of personal protective equipment and the need to provide engineering control measures. Based upon the available toxicological information the protective measures described below should be regarded as a minimum.

RESPIRATORY PROTECTION:

Use a NIOSH approved respirator when exposure limits are exceeded or if irritation or other symptoms are experienced..

EYE PROTECTION:

Wear goggles or safety glasses when using this product. Make sure that there is an eyewash facility in your vicinity.

SKIN PROTECTION:

Wear impervious gloves and protective clothing.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Launder clothes that have become contaminated.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Tan Liquid
Odor:	Bland Fragrance
Odor threshold:	Not Available
pH:	6.5 – 8.5
Melting point/freezing point:	Not Determined
Initial boiling point and boiling range:	Not Determined
Flash point:	Not Determined
Evaporation rate:	Not Determined
Flammability (solid, gas):	Not Applicable
Upper/lower flammability or explosive limits:	Not Determined
Vapor pressure:	Equivalent to water
Vapor density:	Not Applicable
Relative density:	1.01
Solubility(ies):	Dispersible in water
Partition coefficient: n-octanol/water:	Not Determined
Autoignition temperature:	Not Determined
Decomposition temperature:	Not Determined



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SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures

Materials To Avoid: Strong oxidizing agents, acids and bases

Conditions To Avoid: Isolate from extreme heat and open flame

Hazardous Decomposition Products: Carbon Dioxides, Sodium Oxides, Sulfur Oxides from heating.

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT: Eye and Skin irritation.

INHALATION: May cause irritation.

SWALLOWING: May be harmful if swallowed.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED
CONDITIONS AGGRAVATED: None Known.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS: Not available.

MAMMALIAN TOXICITY INFORMATION: Not available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:	Not Available
Persistence and degradability:	Not Available
Bioaccumulative potential:	Not Available
Bioconcentration factor (BCF):	Not Available
Mobility in soil:	Not Available
PBT and vPvB assessment:	Not Available

Other adverse effects: Not Available

SECTION 13: DISPOSAL CONSIDERATION

Contact a licensed professional waste disposal service. Dispose in a manner consistent with federal, state and local environmental regulations.



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SECTION 14: TRANSPORT INFORMATION

DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

SECTION 15: REGULATORY INFORMATION

United States:

Toxic Substance Control Act (TSCA): Listed
Superfund Amendments and Reauthorization Act (SARA 302): Not listed
Superfund Amendments and Reauthorization Act (SARA 311/312): Not listed
Superfund Amendments and Reauthorization Act (SARA 313): Not listed

Canada

Canadian Domestic Substances List (DSL): Some materials not Listed

SECTION 16: OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0 (at 110x)

HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0 (at RTU)

(Personal Protection Rating to be supplied by user based on use conditions.) This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the manufacturer's knowledge and belief, accurate and reliable as of the date of the preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the manufacturer shall not be liable for any loss or damage arising out of the use thereof. In addition, the manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

NOTICE: How this product is used is very important and beyond the control of the seller. The buyer assumes all risks for any use beyond those described on the label or for any use under abnormal conditions.