



MATERIAL SAFETY DATA SHEET

ALGAS ORGANICS TOTAL PLANT TONIC CONCENTRATE

MSDS DATE: Sep 2016

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Algas Organics Total Plant Tonic Concentrate

SYNONYMS: Total Plant Tonic

MANUFACTURER: ALGAS ORGANICS LTD

ADDRESS: Bosque D'or

La Caye

Dennery

Saint Lucia

TELEPHONE: +758-461-5019

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Email: johanandujon@gmail.com

Website: www.algasorganics.com

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

All ingredients not hazardous according to ASCC/NOHSC/EU criteria.

Information on Composition Ingredients: Contains seaweed extract

SECTION 3: HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO AXCC/NOHSC/EU CRITERIA

Hazard Category: Non-Allocated

Hazard Classification: Non-hazardous substance, non-dangerous goods

RISK PHRASES

None Allocated

SAFETY PHRASES

None Allocated

ROAD TRANSPORT (ADR/RID)

UN Number: None Allocated

Proper Shipping Name: None Allocated

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

Air Transport (IATA/ICAO)

UN Number: None Allocated

Proper Shipping Name: None Allocated

Dangerous Goods Class: None Allocated

Packing Group: None Allocated

Poison Schedule: None Allocated

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with water. If irritation persists, seek medical attention.

SKIN: Wash off immediately with water.

INGESTION: Wash out mouth with water. Drink water. If any adverse symptoms arise, seek medical attention.

INHALATION: If inhaled, remove affected person from area with fresh air. Seek medical attention if irritation persists.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

Fire/Explosion Hazard: If safe to do so, move undamaged containers from fire area.

Suitable extinguishing media: Use carbon dioxide, dry chemical, foam or water

Hazards from Combustion Products: Under fire conditions this product may decompose and produce oxides of carbon as well as irritating fumes.

Precautions for Fire Fighters and Special Protective Equipment: Fire fighters should wear self contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended. Water spray may be used to cool down heat-exposed containers.



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HAZCHEM CODE: None Allocated

Flammability: Non-flammable water based liquid

Lower: Not applicable

Upper: Not applicable

Flash point: Not applicable, water content interferes with flash point.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Very low hazard product. Wear appropriate protective equipment and clothing to minimize exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labeled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Very low hazard product. Store in a cool place and out of direct sunlight.

OTHER PRECAUTIONS: Keep containers sealed when not in use. Prevent the build up of mists or vapors in the work atmosphere. Avoid inhalation of vapors and mists and skin or eye contact. Maintain high levels of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet/facilities.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: No exposure standards have been assigned for this product or any other components

Engineering Controls: Maintain adequate ventilation at all times. In most circumstances, natural ventilation systems are adequate.

Personal Protection Equipment:

GLOVES: Gloves are recommended

EYES: Safety glasses with side shield

RESPIRATORY PROTECTION: Natural ventilation is adequate

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odor: Red opaque liquid with seaside like odor

Boiling Point: Not available

Vapor pressure: Not available

Solubility in water: 100%

Flashpoint: Not applicable, water content interferes with flash point

Flammability Limits: Not available

pH: 7.41

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable liquid with no hazardous under normal conditions of storage and handling

Hazardous decomposition products: Thermal decomposition and combustion produce noxious fumes containing oxides of carbon and nitrogen

Incompatible Materials: strong oxidizing agents

Hazardous Polymerization: No polymerization will occur

Hazardous Reactions: reacts with incompatible materials

Conditions to avoid: Extremes of temperature and direct sunlight

SECTION 11: TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with the Material Safety Data Sheet and product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed: Swallowing large quantities may cause irritation, leading to pain in the stomach, nausea, and vomiting and possible diarrhea



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Eyes: May cause mild irritation to the eyes
Skin: May cause mild irritation to the skin
Inhalation: Mists from the product may cause mild irritation
Carcinogenicity: Not considered to be a carcinogenic hazard.
Reproductive Toxicity: Not considered to be toxic to reproduction

CHRONIC:

Prolonged exposure may cause drying and potential redness of the skin in some susceptible individuals.

SECTION 12: ECOLOGICAL INFORMATION

There is no ecological information available for this product, however large quantities should not be discharged into drains, sewers or waterways.

Persistence and degradability: Biodegradable

SECTION 13: DISPOSAL CONSIDERATIONS

Algas Total Plant Tonic Concentrate is non-toxic and safe to use as recommended by the manufacturer's instructions. Instead of disposal, consider the environment and use to nurture all vegetation and trees.

SECTION 14: TRANSPORT INFORMATION

ROAD TRANSPORT (ADR/RID)

UN Number: None Allocated
Proper Shipping Name: None Allocated
Dangerous Goods Class: None Allocated
Packing Group: None Allocated

Air Transport (IATA/ICAO)

UN Number: None Allocated
Proper Shipping Name: None Allocated
Dangerous Goods Class: None Allocated
Packing Group: None Allocated

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Sea Transport (IMDG)

UN Number: None Allocated
Proper Shipping Name: None Allocated
Dangerous Goods Class: None Allocated
Packing Group: None Allocated

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code for transport by sea

SECTION 15: REGULATORY INFORMATION

Regulatory Information: Not classified as Hazardous according to the Globally Harmonized System of Classification and labeling of chemicals (GHS) including Work, Health and Safety Regulations Saint Lucia.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons

Poisons Schedule: Not Scheduled

SECTION 16: OTHER INFORMATION

Date of preparation: SDS Created September 2016
Or last revision of SDS