Ecological Laboratories INC. Solving Environmental Problems Naturally Since 1976

SAFETY DATA SHEET
VERSION 1.1
Revision Date: June 2025

Section 1: IDENTIFICATION

Product Identifier: QUANTUM ORGANIC TOTAL
Brand: QUANTUM
Product Number is based on Product Size. For more information request for brochure/ refer one.
Manufacturer: Ecological Laboratories Inc.
Address: 2525 N.E. 9th Avenue
Cape Coral, FL 33909
Phone: (800) 645-2976
Emergency: (800) 424-9300
Outside USA: (202) 483-7616
Recommended Use: It is a microbial bio stimulant designed to increase soil biology.

Section 2: HAZARD(S) IDENTIFICATION

Hazard Classification: Irritant
Signal Word: Warning
Hazard Statement: Product is non-toxic. May cause eye and skin irritation over a long period of exposure.
Pictograms:

Precautionary Statements: Keep out of reach of children. Do not ingest. If swallowed, induce vomiting if advised to do so by a physician. May cause eye irritation. If eye contact is made, flush eyes with clean, clear water.
Description of hazard not otherwise classified: NA
Mixture containing an ingredient with unknown toxicity: NA

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: NA
Common Name & Synonyms: QUANTUM ORGANIC TOTAL
Chemical Abstracts Service (CAS) number and unique identifiers: NA
Impurities & Stabilizing Additives: NA
Chemical Name and Concentration of all ingredients (classified as health hazard): NA

Section 4: FIRST AID MEASURES

Note: The product has been classified as a non-toxic substance.

In case of skin contact

May cause skin irritation. Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact. Rinse with water. Remove contaminated clothing and footwear. If symptoms persist, call a physician. May cause infection if in contact with open wounds.

In case of eye contact

This material may cause eye irritation. Rinse with plenty of lukewarm water, also under eyelids for fifteen minutes. If symptoms persist, call a physician.

If inhaled

Prolonged contact may cause slight irritation. Supply fresh air immediately. Rinse mouth and nose with water. Contact a physician if necessary.

If swallowed

Excessive ingestion may cause nausea or diarrhea. Irritation of the mouth, pharynx, esophagus and stomach can develop. Rinse mouth with water. Gargle with water. If uneasy symptoms persist, call a physician. Induce vomiting only if advised by physician or poison control. Call poison control.

Recommendation for immediate medical care: Proceed as mentioned above. Call poison control if ingested. Seek medical attention if irritation persists. Remove contaminated clothing and footwear; wash with soap and water if it comes in contact with skin.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the environment.

Special hazards arising from the substance or mixture

NA

Advice for firefighters

Firefighters should wear full face, self-container breathing apparatus and impervious protective clothing.

Further information

Product is not considered to be a fire hazard.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

As mentioned under section 7.

Environmental Precautions

NA

Methods and materials for containment and cleaning up

Flush spilled materials into sanitary or storm sewers. Use chemical absorbent and sweep up small spills. Contain and collect large spills.

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on PPE.
See Section 13 for disposal information.

Section 7: HANDLING & STORAGE

Precautions for safe handling
Minimize exposure in accordance with good hygiene practice. Keep out of reach of children.
Conditions for safe storage, including any incompatibilities
To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110° F and keep from freezing. Store product in original container with package tightly sealed.
Specific end use(s)
NA

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
None
Components with workplace control parameters
NA
Exposure controls
Material transfer should be done under conditions of local exhaust ventilation.
Permissible Exposure Limit (PELs)
None
Threshold Limit Values (TLVs)
NA
Appropriate engineering controls
Open air/Ventilation.

Personal protective equipment
Wash hands before and after using the product. Use with adequate ventilation. Safety showers, eye wash stations and washing facilities must be readily available.
Eye/face protection
None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.
Skin and Body protection
None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.
Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Control of environmental exposure
NA

Section 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance
Light pink to red or purple liquid
Odor
Pungent and distinctive earthy odor
pH
6.5 to 8.0
Melting point/freezing point
NA
Initial Boiling Point
100° C
Flash Point

NA
Flammability (solid, gas)
None
Vapor Pressure & Density
Equivalent to water
Water Solubility
99% Soluble. Disperses in water
Specific gravity
1.04 approximately

Section 10: STABILITY AND REACTIVITY

Reactivity
NA
Chemical stability
Stable under normal conditions.
Possibility of hazardous reactions
NA
Condition to avoid
Strong acids or alkali compounds may inactivate bio cultures.
Incompatible materials
Strong acids or alkali compounds.
Hazardous decomposition products
NA

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity
NA
Chronic Toxicity
NA
Reproductive Toxicity
NA
Additional Information
NA

Section 12: ECOLOGICAL INFORMATION

Toxicity
NA
Persistence and degradability
NA
Bio-accumulative potential
NA
Mobility in soil
NA
Other adverse effects

This product is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bio accumulative potential, aquatic toxicity and other data relating to eco toxicity.

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Via an authorized waste disposal contractor to an approved waste disposal site, observing all local, state and federal regulations.

Section 14: TRANSPORT INFORMATION

DOT (US)
UN Number
NA
Class
NA
Packing Group
NA
Proper Shipping Name
NA

Section 15: REGULATORY INFORMATION

There are no safety, health and environmental regulations/legislation specific for the substance or mixture. Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

Section 16: OTHER INFORMATION

HMIS
Health – 1
Flammability – 0
Reactivity – 0

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named manufacturer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

This product conforms on its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. However, the manufacturer could withdraw the chemical composition of the product on the basis of it being a trade secret.

29 CFR 1910.1200 (I)(1)
The safety data sheet indicates that the specific chemical identity and/or percentage of composition is being withheld as a trade secret; The specific chemical identity and percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions.

Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against

seller shall be in a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Any controversy or claim arising out or relating to this contract, or breach thereof, shall be settle by arbitration in accordance with the commercial arbitration rules of the American Arbitration Association, and judgment upon the rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.