

Section 1 ~ Identification

Identity (As Used On Label and List) Q2010/G3083 BIO POWER	Date Prepared: 04-22-2023
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27TH STREET	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classification Eye Irrit. 2A H319
Full text of H-phrases: see section 16

Symbols



Signal Word: Warning

Hazard Statement Causes serious eye irritation.

Precautionary Statement Wash hands thoroughly after handling. Wear eye protection, protective gloves. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Section 3 ~ Composition/Information on Ingredients

Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	GHS-US Classification	%(Wt.)
Substance: Not applicable					
Mixture:					
EDTA; tetrasodium ethylenediaminetetraacetate	64-02-8	N/A	N/A	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318	4 - 5
TOMADOL PF-9	68439-46-3	N/A	N/A	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315	1 - 3

Full text of H-phrases: see section 16

Section 4 ~ First Aid Measures

Eyes — Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Get medical advice/attention.

Skin— Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Inhalation — Allow victim to breathe fresh air. Allow the victim to rest.

Ingestion — Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Most Important Symptoms/Effects, Acute And Delayed — Causes serious eye irritation.

Indication Of Immediate Medical Attention And Special Treatment Needed — Treat symptomatically.

Section 5 ~ Fire Fighting Measures

Suitable Extinguishing Media – Foam, dry powder, carbon dioxide, water spray, sand.

Unsuitable Extinguishing Media – The product is non-reactive under normal conditions of use, storage and transport.

Special Fire Fighting Procedures – Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures —

For Non-Emergency Personnel — Evacuate unnecessary personnel.

For Emergency Responders — Equip clean-up crew with proper protection. Ventilate area.

Environmental Precautions — Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment And Cleaning Up — Soak up Spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to other sections — See heading 8. Exposure controls and personal protection.

Section 7 ~ Handling and Storage

Precautions for Safe Handling — Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Hygiene Measures — Wash hands thoroughly after handling.

Section 8 ~ Exposure Controls/Personal Protection

Appropriate engineering controls/ventilation – N/A

Respiratory Protection – Wear appropriate mask

Skin Protection Other– N/A

Hand Protection– Wear protective gloves.

Eye/face protection– Chemical goggles or safety glasses.

Additional Measures – Do not eat, drink or smoke during use.

Section 9 ~ Physical Chemical Properties

Boiling Point	N/D	Specific Gravity	-
Vapor Pressure (mm Hg)	N/D	Freezing Point	-
Vapor Density	N/D	Evaporation Rate (Butyl Acetate = 1)	-
Solubility in Water	Solubility in water of component(s) of the mixture :• EDTA; tetrasodium ethylenediaminetetraacetate: 103 g/100ml	pH	-
Appearance and Odor — Liquid, pink with floral odor.		VOC%	-
Flash Point (Method Used):	Auto - Ignition Temperature: N/D	Lower Flammability Level: N/D	Upper Flammability Level: N/D

Section 10 ~ Stability and Reactivity

Stability: Unstable Stable **Conditions to Avoid** – Direct sunlight. Extremely high or low temperatures. **Possible Hazardous Reactions:** No dangerous reactions known under normal conditions of use..

Incompatibility (Materials to Avoid) – Strong acids. Strong bases.

Hazardous Decomposition or Byproducts – Carbon monoxide. Carbon dioxide.

Reactivity — The product is non-reactive under normal conditions of use, storage and transport.

Section 11 ~ Toxicological Information

Acute toxicity :	Not classified		
EDTA; tetrasodium ethylenediaminetetracetate (64-02-8):	LD50 oral rat > 2000 mg/kg (Rat); ATE US (oral) 500.000 mg/kg bodyweight;		
TOMADOL PF-9 (68439-46-3):	LD50 oral rat 1378 mg/kg (Rat); LD50 dermal rabbit > 2000 mg/kg (Rabbit)		
ATE US (oral) 1378.000 mg/kg bodyweight			
Skin Corrosion/Irritation:	Not classified	Serious Eye Damage/Irritation:	Causes serious eye irritation.
Respiratory or Skin Sensitization:	Not classified	Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified	Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (single exposure):	Not classified		
Specific Target Organ Toxicity (repeated exposure):	Not classified		
Aspiration hazard:	Not classified		
Potential Adverse Human Health Effects and Symptoms:	Based on available data, the classification criteria are not met.		
Symptoms/injuries after eye contact:	Causes serious eye irritation.		

Section 12 ~ Ecological Information

Toxicity: EDTA; tetrasodium ethylenediaminetetracetate (64-02-8), LC50 fish 1 121 mg/l (96 h; Lepomis macrochirus; Soft water), EC50 Daphnia 1 625 mg/l (24 h; Daphnia magna), LC50 fish 2 374 - 792 mg/l (96 h; Lepomis macrochirus; pH > 7) Threshold limit algae 1 > 100 mg/l (72 h; Scenedesmus subspicatus; Growth).

BIO POWER

Persistence and degradability: Not established.

EDTA; tetrasodium ethylenediaminetetracetate (64-02-8)

Persistence and degradability: Not readily biodegradable in water. Not established.

Biochemical oxygen demand (BOD): < 0.002 g O₂/g substance

Chemical oxygen demand (COD): 0.54 - 0.58 g O₂/g substance

TOMADOL PF-9 (68439-46-3)

Persistence and degradability: Readily biodegradable in water. Not established.

BIO POWER

Bioaccumulative potential: Not established.

EDTA; tetrasodium ethylenediaminetetracetate (64-02-8)

Log Pow: -2.6

Bioaccumulative potential: Bioaccumulation: not applicable. Not established.

TOMADOL PF-9 (68439-46-3)

Bioaccumulative potential: No bioaccumulation data available. Not established.

Mobility in soil: No additional information available

Other adverse effects: Effect on the global warming: No known ecological damage caused by this product.

Other information: Avoid release to the environment.

Section 13 ~ Disposal Considerations

Waste Disposal Recommendations — Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials — Avoid release to the environment.

Section 14 ~ Transport Information

US Depart. of Transportation (DOT)		Water Transportation (IMDG)		Air Transportation (IATA)	
Proper Shipping Name:	Not regulated for transport	Proper Shipping Name:	No additional information available	Proper Shipping Name:	No additional information available
Hazard Class:		Hazard Class:		Hazard Class:	
UN Number:		UN Number:		UN Number:	
Packing Group:		Packing Group:		Packing Group:	

Section 15 ~ Regulatory Information**United States**

TSCA (Toxic Substances Control Act) Inventory: Not listed

Environmental Protection Agency Toxic: All components of this product are listed, or excluded from listing.

Substances Control Act (TSCA) Inventory: This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CANADA: No additional information available

EU-Regulations: No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]: No additional information available

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]: Not classified

National regulations: No additional information available

US State Regulations: California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

Section 16 ~ Other Information

Full Text of H-phrases;

Acute Tox.4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	0	0	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	B	1= Slight
			0= Minimal

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product