Material Safety Data Sheet

May be used to Comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200(q). Standard must be Consulted for specific requirements

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that

Identity (As Used On Label and List) G3165 B.S.D (Bio Sulphite Digester)	Date Prepared: 09-10-2013
Section 1 ~ Identification	
Manufactured for: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.
Section 2 Composition/Information on Ingradient	

Section 2 ~ Composition/Information on Ingredients

(Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	%(Wt.)
Water	7732-18-5			60 - 70%
Sodium Nitrate	7631-99-4			30 – 35

Section 3 ~ Hazard(s) Identification

Route(s) of Entry: Eye contact, skin contact, ingestion.

Acute Effects:

Eyes— May cause slight irritation.

Skin—Substance may cause slight skin irritation.

Inhalation— May cause irritation of respiratory tract.

Ingestion—Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Health Hazards (Chronic) - no information available

Medical Conditions Generally Aggravated by Exposure: No information available.

Section 4~ First Aid Measures

Eyes—Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin—Wash off immediately with soap and plenty of water.

Inhalation— Move to fresh air.

Ingestion— Clean mouth with water and afterwards drink plenty of water.

Section 5 ~ Fire Fighting Measures

Flammable Properties – Not considered flammable.

Extinguishing Media - Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures – Self-contained breathing apparatus and standard turnout apparel.

Specific Hazards Arising from the chemical – May cause allergic respiratory reaction.

Section 6 ~ Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled – Avoid formation of dust and aerosols. Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a HEPA (High Efficiency Particulate Air) filter. Flush remainder carefully with plenty of water. Avoid splashing, high pressure washing or compressed air cleaning to avoid formation of aerosols. Ensure sufficient ventilation. Wash contaminated clothing.

Section 7 ~ Handling and Storage

Precautions to be Taken in Handling and Storing – Avoid formation of dust and aerosols. Ensure adequate ventilation. The substance should be handled under conditions of good industrial hygiene and in conformity with any local regulations in order to avoid unnecessary exposure. Keep tightly closed in a dry and cool place. In unbroken packaging – dry and protect from the sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperatures or higher humidity may lead to a higher dosage requirement.

Work/Hygienic Practices - Observe good hygiene. Wash hands thoroughly after product use, eating, drinking, and using restrooms, etc

Section 8 ~ Exposure Controls/Personal Protection

Ventilation — Ensure adequate ventilation, especially in confined areas. Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or other engineering controls to control airborne levels. Additional handling and healthy/safety information is available upon request.

Respiratory Protection (Specify Type) – In case of insufficient ventilation wear suitable respiratory equipment that meets HEPA/P100 specification

Skin Protection –	Eye Protection –	Other protective Clothing or Equipment –
Protective gloves.	Safety glasses with side-shields.	Long sleeved clothing.

Minimal

Work/Hygienic Practices – Observe good hygiene. Wash	hands thoroughly after produc	ct use, eating, drin	king, and using restrooms, etc.				
Section 9 ~ Physical Chemical Properti	es						
Boiling Point	N/A	Specific Grav Concentrate	ity $(H_2O = 1)$	-			
Vapor Pressure (mm/hg)	N/A	Melting Point		N/a			
Vapor Density (Air=1)	N/A	Evaporation 1	Rate (Butyl Acetate = 1)	-			
Solubility in Water	N/A	pН		7.0 – 9.0			
Appearance and Odor— Light yellow, liquid with slight fermentation odor.		VOC%	-				
Section 10 ~ Stability and Reactivity		•					
Stability: Unstable Stable Stable	Conditions to Avoid – temperature variations to above 155°F.		Will Not Occur				
Incompatibility (Materials to Avoid) – Strong acids or alkali compounds, as well as oxidizing agents may inactivate biological cultures. Hazardous Decomposition or Byproducts – No information available.							
Section 11 ~ Toxicological Information							
Acute Toxicity: Ingestion, LD 50 Rat Oral (mg/kg): Not Determined Inhalation, LC50 Rat inhalation (mg/l/4hr) Not Determined Skin, LD50 Rat Dermal (mg/kg) Not Determined Eye Irritation Not Determined Chronic Toxicity: According to our experience and to the information provided to us, the product does not have any harmful effects if it is used and handled as specified. This product is formulated using a range of microorganisms specially selected from the natural environment.							
Section 12 ~ Ecological Information	•	•					
Ecotoxicity: This product is not expected to pose an environmental hazard. No toxicity Data is available specifically for soil organisms, plants and terrestrial animals. Environmental Effects Persistence/Degradability Bioaccumulative Potential Mobility Other adverse effects No information available. The data available do not support any environmental hazard The organic components of the product are biodegradable According to experience not expected. Not available							
Section 13 ~ Disposal Considerations							
Waste Disposal Method — Dispose of in accordance with local regulations.							
Contaminated Packaging — Dispose of wastes in an approved waste disposal facility.							
Section 14 ~ Transport Information							
US Depart. of Transportation (DOT)	Water Transportation (IMDG)		Air Transpor	Air Transportation (IATA)			
1 11 6	Proper Shipping Name:	: Not regula	tted Proper Shipping Name:	Not regulated			
Section 15 ~ Regulatory Information							
U.S. Federal Regulation. SARA TITLE III (Superfund Amendments and Reauthorization Act) 313 Reportable Ingredients: None 311/312 Hazard Categories: Acute Health Hazard: No Chronic Health Hazard: No Fire Hazard: No Sudden Release of Pressure Hazard: No Reactive Hazard: No State Regulations: This product contains no known chemicals regulated by California's proposition 65.							
Section 16 ~ Other Information							
NFPA	HMIS		Key				
HEALTH -	1		4= Severe				
FLAMMABILITY - REACTIVITY -	0		3= Serious	2			
OTHER/PROTECTION -	0 X		2= Moderat 1= Slight	c			

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY. FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROEPRTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.