

MATERIAL SAFETY DATA SHEET

Section I – Product Information			
Product Name or Identity:	VI-TAL		
Manufacturer's Name:	Neogen Corporation	Emergency Phone No.	859 254 1221
	628 Winchester Road	Fax No.:	859 255 5532
	Lexington, KY 40505	e-mail:	inform@neogen.com
Date Prepared or Revised: 08/03/07			

Section II – Hazardous Ingredients / Identity Information			
Hazardous Components (Specific Chemical Identity: Mixture of vitamins and minerals)	OSHA PEL (Permissible Exposure Limits)	ACGIH TLV (Threshold Limit Value)	Toxicity Data Lethal Dose LD
The ingredients in this product are not considered hazardous.			
Non-hazardous active ingredient:			
Complex mixtures			

Section III – Physical Characteristics	
Boiling Point: N/A	Specific Gravity (H ₂ O = 1): N/A
Vapor Pressure (mm Hg.): N/A	Melting Point: N/A
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): Not volatile
% Volatile by Volume: NA	Color and Odor: Yellow, sweet odor
Physical State: Granular powdered solid	
Solubility in Water: Not less than 200g per gallon	
Appearance and Odor: White powder with slight characteristic odor.	

Section IV – Fire and Explosion Hazard Data	
Flash Point (<i>Method Used</i>): N/A	Flammable Limits: LEL (Lower Explosive Limit) - N/A UEL (Upper Explosive Limit) - N/A
Extinguishing Media: VI-TAL is not flammable. Use extinguishing agents appropriate to other aspects of the fire such as carbon dioxide, dry chemical, water spray, or foam to put out the surrounding fire.	
Special Fire Fighting Procedures: Does not burn when exposed to flame.	
Unusual Fire and Explosion Hazards: none	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: Not considered a hazard.
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>):			
Hazardous Decomposition or Byproducts:			
Hazardous Polymerization	May Occur		Conditions to Avoid: N/A

Will Not Occur	X	
----------------	---	--

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation- May be nuisance dust. Possible irritation.	Skin, eyes-May be irritant. Not known to be absorbed through skin.	Ingestion- No ill effects known.
Health Hazards (Acute and Chronic)	None known		
Carcinogenicity:	NTP-Not listed (National Toxicology Program)	IARC Monographs-Not listed (International Agency for Research in Cancer)	OSHA Regulated-Yes
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency / First Aid Procedures	Ingestion: Consult physician if any adverse effects are observed.		
	Inhalation: Remove to fresh air. Consult physician if there is persistent respiratory irritation.		
	Wash with soap and water. Consult physician if irritation persists.		
	Skin Contact: Wash thoroughly with soap and copious amounts of water.		

Section VII – Precautions for Safe Handling and Use

Accidental Release Measures: sweep up
Waste Disposal Method: May be handled as any ordinary, non-hazardous solid waste.
Handling and Storing: Store in sealed container away from heat and moisture.
Other Precautions: No special requirements

Section VIII – Control Measures

Respiratory Protection (Specify Type): Wear NIOSH/MSHA Approved respirator dust mask.		
Ventilation	No special Requirements	Special:
		Other:
Other Protective Clothing or Equipment: None required		Eye Protection: Not Normally Necessary
Work / Hygienic Practices: Normal workplace industrial hygienic practices		

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Neogen Corporation shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.