

1. Product and Company Identification

Product Code: HH-VITA B12 CR
Product Name: VITA B-12 CRUMBLES
Manufacturer Information
Company Name: Distributed by:
Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ
Emergency Contact: Animal or human exposure (800)234-2269
Alternate Emergency Contact: CHEMTREC (Emergency spills) (800)424-9300
Information: Farnam Companies (800)234-2269
Chemical Family: Compound
Additional Identity Information
75210 2.5-lb
75211 20-lb

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. NON HAZARDOUS	NA	100.0 %	No data.	No data.

3. Hazards Identification

Emergency Overview

KEEP OUT OF REACH OF CHILDREN

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes

Potential Health Effects (Acute and Chronic)

NE

Recommended Exposure Limits

NE

LD 50 / LC 50

NA

Signs and Symptoms Of Exposure

NE

Medical Conditions Generally Aggravated By Exposure

none known

4. First Aid Measures

Emergency and First Aid Procedures

IF SWALLOWED: Do NOT induce vomiting. Drink two glasses of water and contact physician or Poison Control Center. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove to fresh air. Consult physician if irritation persists.

IF IN EYES: Flush eyes with plenty of water for 15 minutes. Get medical attention if irritation or redness persists.

IF ON SKIN: Rinse with soap and water.

5. Fire Fighting Measures

Flash Pt: N.A.
Explosive Limits: LEL: NE UEL: NE
Autoignition Pt: No data available.

Fire Fighting Instructions

none

Flammable Properties and Hazards

Specific concentrations of product dusts may ignite explosively

Hazardous Combustion Products

No data available.

Extinguishing Media

Water spray, CO2 foam

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Salvage if possible. Place in disposal containers.

7. Handling and Storage

Hazard Label Information:

Store in cool, dry area

Precautions To Be Taken in Handling

Close container after each use.

Precautions To Be Taken in Storing

No data available.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Avoid generating product dusts.

8. Exposure Controls/Personal Protection

Respiratory Equipment (Specify Type)

Pollen mask

Eye Protection

goggles

Protective Gloves

rubber

Other Protective Clothing

none

Engineering Controls (Ventilation etc.)

Local Exhaust: sufficient

Special:

Mechanical (Gen):

Other:

Work/Hygienic/Maintenance Practices

Wash hands before eating, smoking, or using restroom.

9. Physical and Chemical Properties

Physical States: [] Gas [] Liquid [X] Solid
Melting Point: N.A.
Boiling Point: N.A.
Autoignition Pt: No data.
Flash Pt: N.A.
Explosive Limits: LEL: NE UEL: NE
Specific Gravity (Water = 1): 0.000000 N.A.
Vapor Pressure (vs. Air or mm Hg): N.A.
Vapor Density (vs. Air = 1): N.A.
Evaporation Rate: N.A.
Solubility in Water: N.A.
Percent Volatile: N.A.

Appearance and Odor

green dry solids with vegetable/grain odor

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

direct light, moisture

Incompatibility - Materials To Avoid

none known

Hazardous Decomposition Or Byproducts

CO and CO₂

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

will not occur

11. Toxicological Information

Contains no toxic ingredients.

Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. NON HAZARDOUS	NA	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

Contains no toxic ingredients.

13. Disposal Considerations

Waste Disposal Method

Dispose of in accordance with local, State and Federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Not regulated as hazardous by U.S. DOT.

DOT Hazard Label: None

MATERIAL SAFETY DATA SHEET
VITA B-12 CRUMBLES

Page: 4
Printed: 10/21/2011
Revision: 10/21/2011
Supercedes Revision: 08/27/2007

Additional Transport Information

No data available.

15. Regulatory Information

No data available.

16. Other Information

Company Policy or Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.