

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078465621

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078088319

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078088327 078088335 078465639 078796007



## MATERIAL SAFETY DATA SHEET

W A Butler Company  
5600 Blazer Parkway  
Dublin, Ohio 43017

**EMERGENCY PHONE #:** 1-859-254-1221

**NON-EMERGENCY PHONE #:** 1-614-659-1680

**Date Prepared:** January 10, 2004

### SECTION I:

**CHEMICAL NAME AND SYNONYMS:** Vitamin B-12

**TRADE NAME:** VITAMIN B-12 3000 MCG/ML and VITAMIN B-12 5000 mcg/ml

**CHEMICAL FAMILY:** Vitamin Supplement

### SECTION II: HAZARDOUS INGREDIENTS

The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute at least 1% of the mixture (0.1 % for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Some of the ingredients of this mixture are a trade secret.

NAME	CAS NO.'S	OSHA PEL/ACGIH TLV - TWA	TOXICOLOGICAL DATA
Benzyl Alcohol 1.5% V/V	100-51-6	50 ug-eye-rabbit severe irritation	1230 mg/Kg Oral Rat
Cyanocobalamin		N/A	3 mg/Kp - IP Mouse

### SECTION III: PHYSICAL DATA

**BOILING POINT (°F):** NE

**VAPOR PRESSURE (MM Hg):** NE

**VAPOR DENSITY (Air=1):** NE

**SOLUBILITY IN WATER:** Soluble

**APPEARANCE & ODOR:** Clear, dark red, non-viscous liquid, faint odor of benzyl alcohol.

**SPECIFIC GRAVITY:** 1.006

**MELTING POINT:** N/A

**EVAPORATION RATE (Butyl Acetate=1):** N/A

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (method used):** NE

**FLAMMABLE LIMITS:** **LEL:** N/A

**UEL:** N/A

**EXTINGUISHING MEDIA:** Water spray, CO2, dry chemical powder, foam

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full faceplate and NIOSH-approved self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

### SECTION V: REACTIVITY DATA

**STABILITY:** Stable

**INCOMPATIBILITIES (Materials to Avoid):** Oxidizers, reducing agents, alkali compounds

**HAZARDOUS DECOMPOSITION:** Sulfur oxides, nitrogen oxides, phosphorous oxides

**POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID:** None known

### SECTION VI: HEALTH HAZARD DATA:

**ROUTES OF ENTRY: INHALATION:** None

**SKIN, EYE:** Minor

**INGESTION:** Primary

**HEALTH HAZARDS (Acute and Chronic):** None known

**CARCINOGENICITY:** NTP: No

**IARC:** No

**OSHA REGULATED:** Yes

**SIGNS AND SYMPTOMS OF EXPOSURE:** None known

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known

**EMERGENCY AND FIRST AID MEASURES:**

**INGESTION:** Induce vomiting only on the advice of a physician.

NA = NOT APPLICABLE

NE = NOT ESTABLISHED

NL = NOT LISTED

NIF = NO INFORMATION FOUND

**INHALATION:** Remove to fresh air; seek prompt medical attention if irritation develops

**EYE CONTACT:** Wash with copious amounts of water.

**SKIN CONTACT:** Wash with soap and copious amounts of water.

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

**ACCIDENTAL RELEASE MEASURES:** Sweep or mop up release material into suitable container.

**WASTE DISPOSAL METHOD:** Disposal in dry landfill is acceptable. Ensure compliance with local, state and federal regulations.

**HANDLING AND STORING:** Read and follow label instructions

**OTHER PRECAUTIONS:** For veterinary use only.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** None required.

**VENTILATION:** General dilution or local exhaust.

**SKIN PROTECTION:** Rubber gloves

**EYE PROTECTION:** Safety goggles or glasses

**OTHER PROTECTIVE EQUIPMENT:** Not necessary

**WORK/HYGENIC PRACTICES:** NE

## SECTION IX: SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in accordance with label instructions.

**OTHER PRECAUTIONS:** None

The above information had been provided by the W.A. Butler Company in good faith; but no warranty, expressed or implied is made with regard to the accuracy of such data or it's suitability for a given application or purpose. Neogen Corporation of Lexington, KY manufactures this product for The W.A. Butler Company. The emergency telephone number at the beginning of this MSDS is for Neogen Corporation

Prepared By: George W. Miller III, Regulatory Affairs Manager, W.A. Butler Company using information provided by Neogen Corporation in a MSDS dated June 24, 2002.

Date: January 10, 2004

Butler Item Number for the product covered under this MSDS is:

002493 – Vitamin B-12 3000 mcg/ml WAB

005554 – Vitamin B-12 5000 mcg/ml WAB

NA = NOT APPLICABLE

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