

SAFETY DATA SHEETS

This SDS packet was issued with item:

078088319

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

078465621

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

SPECIFIC GRAVITY: 1.006

VAPOR PRESSURE (MM Hg): NE

MELTING POINT: N/A

VAPOR DENSITY (Air=1): NE

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

SOLUBILITY IN WATER: Soluble

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

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

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