

SAFETY DATA SHEET



Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300

All non-emergency calls should be directed to
Customer Service at 800-662-3435

NAME: CYANOCOBALAMINE

SDS NO.8140

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Cyanocobalamin

Synonyms: Cyanocobalaminum

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	Void
Classification:	The substance is not classified according to the CLP regulations.
Signal Word:	Void
Hazard Statements:	Void

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
CYANOCOBALAMIN	68-19-9
CYANOCOBALAMINUM	

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Supply fresh air; consult doctor in case of complaints.
Ingestion	Not determined	Rinse out mouth and then drink plenty of water.
Skin	Not determined	Generally the product does not irritate the skin.
Eyes	Not determined	Rinse opened eye for several minutes with running water.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not applicable
Auto Ignition:	Not determined
Extinguishing Media:	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam
Products of Combustion:	Carbon monoxide (CO) Nitrogen oxides (NO _x)
Fire Fighting Equipment and Procedures:	Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use respiratory protective device against the effects of fumes/dust/aerosol. Keep away from ignition sources.
Environmental Precautions:	Do not allow to enter sewers/surface or ground water.
Method of Containment & Clean-Up:	Pick up mechanically.

7. HANDLING AND STORAGE

Handling:	Prevent formation of dust.
Storage:	Store in cool, dry conditions in well-sealed receptacles. Product is hygroscopic.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Normal room ventilation is usually adequate under normal use.
Personal Protective Equipment (PPE)	Protective work clothes
Eye/Face Protection:	Not required.
Skin Protection:	Protective gloves
Respiratory Protection	Suitable respiratory protective device recommended Filter P2
General Hygiene Considerations:	The usual precautionary measures for handling chemicals should be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark Red	Upper/Lower Flammability:	Not Applicable
Odor:	Odorless	Vapor Pressure	Not Applicable
Odor Threshold:	Not Determined	Vapor Density:	Not Applicable
pH:	6	Relative Density:	Not Determined
Melting point /Freezing Point:	>300°C	Solubilities:	12.5 g/l in water
Boiling point/range:	Not Determined	Partition coefficient: n-octanol/water:	Not Determined
Flash point	Not Applicable	Auto-ignition temperature	Not Determined
Evaporation rate	Not Applicable	Decomposition Temperature:	Not Determined
Flammability:	Not Applicable	Viscosity	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity:	Not Determined
Chemical Stability:	Not Determined
Possibility of Hazardous reactions:	Reacts with strong oxidizing agents.
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	Nitrogen oxides (NO _x) Carbon monoxide and carbon dioxide Phosphorus Compounds

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not Determined
Skin irritation:	No irritating effect.
Eye contact damage:	No irritant effect.
Respiratory damage:	Not Determined
Ingestion overdose:	Not Determined
Delayed, immediate, or chronic effects from short- and long-term exposure	Not Determined
LD50	5,000 mg/kg (mus)
Symptoms associated with exposure:	Not Determined
Carcinogenicity:	Not Determined
OSHA:	Substance is not listed.
NTP:	Substance is not listed.
IARC:	Substance is not listed.

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	EC50 (48h) > 100 mg/l (Daphnia)
Chemical degradation:	No further relevant information available.
Biodegradation:	No further relevant information available.
Bioaccumulation potential	Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.
Adsorption studies or leaching studies:	Not Determined
Other adverse effects	No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Void
UN number:	Void
UN proper shipping name:	Void
Transport hazard class(es):	Void
Packing group number:	Not applicable.
Environmental hazards:	No
Special precautions:	Not applicable

15. REGULATORY INFORMATION

No further relevant information available.

16. OTHER INFORMATION

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