

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: CHOLINE BITARTRATE

SDS NO.8316

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Choline Bitartrate

Synonyms: Cholinhydrogentartrate
Cholinii Hydrogenotartras

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	Void
Classification:	Void
Signal Word:	Void
Hazard Statements:	Void

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
CHOLINE BITARTRATE	87-67-2
CHOLINHYDROGENTARTRATE	
CHOLINII HYDROGENOTARTRAS	

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

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

5. FIRE-FIGHTING MEASURES

Flash Point:	Not Applicable
Auto Ignition:	Undetermined
Extinguishing Media:	CO ₂ , extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Products of Combustion:	Nitrogen oxides (NO _x)
Fire Fighting Equipment and Procedures:	Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective equipment. Keep unprotected persons away.
Environmental Precautions:	Do not allow to enter sewers/surface or ground water
Method of Containment & Clean-Up:	Pick up mechanically. Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Handling:	Prevent formation of dust.
Storage:	Product is hygroscopic.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	No further relevant information.
Personal Protective Equipment (PPE)	Protective work clothing.
Eye/Face Protection:	Tightly-sealed goggles
Skin Protection:	Protective gloves
Respiratory Protection	Use suitable respiratory protective device in case of insufficient ventilation.
General Hygiene Considerations:	The usual precautionary measures for handling chemicals should be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Crystalline, White	Upper/Lower Flammability:	Not Applicable
Odor:	Recognizable	Vapor Pressure @ 795°C (1,463°F):	Undetermined
Odor Threshold:	Undetermined	Vapor Density:	Not Applicable
pH:	3.0 – 4.4	Density at 20°C (68°F):	Undetermined
Melting point /Freezing Point:	147 – 152 °C (297 – 306°F)	Solubilities: (water)	Easily Soluble
Boiling point/range:	Undetermined	Partition coefficient: n-octanol/water:	Undetermined
Flash point	Not Applicable	Auto-ignition temperature	Undetermined
Evaporation rate	Not Applicable	Decomposition Temperature:	Undetermined
Flammability:	Product is not flammable	Viscosity	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity:	
Chemical Stability:	No further relevant information available.
Possibility of Hazardous reactions:	Reacts with strong oxidizing agents Risk of dust explosion
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	Nitrogen oxides (NO _x)

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	
Skin irritation:	Irritant to skin and mucous membranes
Eye contact damage:	Irritating effect
Respiratory damage:	Undetermined
Ingestion overdose:	Undetermined
Delayed, immediate, or chronic effects from short- and long-term exposure	No further relevant information available.
LD50	Dermal: Oral:
	Undetermined Undetermined
Symptoms associated with exposure:	No further relevant information available.
Carcinogenicity:	
OSHA:	Substance is not listed.
NTP:	Substance is not listed.
IARC:	Substance is not listed.

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	No further relevant information available.
Chemical degradation:	No further relevant information available.
Biodegradation:	No further relevant information available.
Bioaccumulation potential	No further relevant information available.
Adsorption studies or leaching studies:	No further relevant information available.
Other adverse effects	Water hazard class 1: slightly hazardous for water.

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	
UN number:	Void
UN proper shipping name:	Void
Transport hazard class(es):	Void
Packing group number:	Void
Environmental hazards:	Void
Special precautions:	Void

15. REGULATORY INFORMATION

No further relevant information available.

16. OTHER INFORMATION

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