

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: EPINEPHRINE BITARTRATE

SDS NO.8274

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Epinephrine Bitartrate

Synonyms: Epinephrine Hydrogentartrate

Adrenaline Tartrate

Adrenalini Tartas

Recommended Use: No relevant information available.

Manufacturer / Supplier: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Acute Tox. 1
Signal Word:	Danger
Hazard Statements:	H300 + H310 + H330 Fatal if swallowed, in contact with skin, or if inhaled.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
Epinephrine Bitartrate	51-42-3
Epinephrine Hydrogentartrate	
Adrenaline Tartrate	
Adrenalini Tartas	

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Undetermined	Supply fresh oxygen; call for doctor. In case of unconsciousness place patient stably in side position for transport
Ingestion	Undetermined	Rinse out mouth and drink plenty of water. Seek medical treatment
Skin	Undetermined	Immediately wash with water and soap and rinse thoroughly. Seek medical treatment
Eyes	Undetermined	Rinse opened eye for several minutes under running water. Then consult a doctor.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not Applicable
Auto Ignition:	Undetermined
Extinguishing Media:	CO2, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Products of Combustion:	Nitrogen oxides (NOx) Carbon monoxide (CO)
Fire Fighting Equipment and Procedures:	Wear self-contained respiratory protective device. Wear fully protective suit Mouth respiratory protective device

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Ensure adequate ventilation Mouth respiratory protective device.
Environmental Precautions:	Do not allow to enter sewers/surface or ground water
Method of Containment & Clean-Up:	Ensure adequate ventilation Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Handling:	Thorough dedusting. Ensure good ventilation/exhaustion at the workplace.
Storage:	Store in cool, dry conditions in well-sealed receptacles.

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	In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
General Hygiene Considerations:	Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Store protective clothing separately. Avoid contact with the eyes and skin. Clean skin thoroughly immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder, White	Upper/Lower Flammability:	Not Applicable
Odor:	Recognizable	Vapor Pressure @ 795°C (1,463°F):	Undetermined
Odor Threshold:	Undetermined	Vapor Density:	Not Applicable
pH (20g/l) @ 20°C (68°F)	4	Density at 20°C (68°F):	600kg/m ³
Melting point /Freezing Point:	143°C (289°F)	Solubilities: (water)	500g/l
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 oxidizing agents. Reacts with alkali (lyes)
Conditions to Avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Fatal if swallowed, in contact with skin or if inhaled
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 4 mg/kg (mouse)
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 3: extremely 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:	UN2811
UN proper shipping name:	Toxic solids, organic, n.o.s.
Transport hazard class(es):	6.1 Toxic substances
Packing group number:	I
Environmental hazards:	No
Special precautions:	Warning: Toxic substances

15. REGULATORY INFORMATION

No further relevant information available.

16. OTHER INFORMATION

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