

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: AMINOPHYLLINE

SDS NO.8156

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aminophylline

Synonyms: Theophylline-Ethylenediamine
Theophyllinum et ethylenediaminum

Recommended Use: No relevant information available.


Manufacturer / Supplier: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	 GHS06
Classification:	Acute Tox. 3
Signal Word:	Danger
Hazard Statements:	H301 Toxic if swallowed

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
AMINOPHYLLINE	317-34-0
THEOPHYLLINE-ETHYLENEDIAMINE	
THEOPHYLLINUM ET ETHYLENDIAMINUM	

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Not determined	Take affected persons into fresh air and keep quiet. Seek medical treatment. In case of unconsciousness place patient stably in side position for transportation
Ingestion	Not determined	Rinse out mouth and drink plenty of water. Do not induce vomiting; immediately call for help.
Skin	Not determined	Immediately wash with water and soap and rinse thoroughly
Eyes	Not determined	Rinse opened eye for several minutes under running water. Consult a doctor.

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:	Nitrogen oxides (NO _x) Carbon monoxide (CO)
Fire Fighting Equipment and Procedures:	Wear fully protective suit

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Handling:	Thorough dedusting
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:	Not required
Skin Protection:	Protective gloves
Respiratory Protection	Fresh air mark
General Hygiene Considerations:	Clean skin thoroughly immediately after handling the product. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder, Light Yellow	Upper/Lower Flammability:	Not Applicable
Odor:	Amine-like	Vapor Pressure @ 795°C (1,463°F):	Not Determined
Odor Threshold:	Not Determined	Vapor Density:	Not Applicable
pH:	9 (80g/l) at 20°C	Density at 20°C (68°F):	500 kg/m ³ (water @ 20°)
Melting point /Freezing Point:	196-198°C(385-388°F)	Solubilities:	~200g/l
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:	Product is not flammable	Viscosity	Not Applicable

10. STABILITY AND REACTIVITY

Reactivity:	No further relevant information available.
Chemical Stability:	No further relevant information available.
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:	Carbon monoxide Carbon dioxide Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Toxic if swallowed
Skin irritation:	Based on available data, the classification criteria are not met
Eye contact damage:	Based on available data, the classification criteria are not met
Respiratory damage:	Not Determined
Ingestion overdose:	Not Determined
Delayed, immediate, or chronic effects from short- and long-term exposure	No further relevant information available.
LD50 Oral:	243 mg/kg (Rat)
Dermal:	Not Determined
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:	III
Environmental hazards:	No
Special precautions:	Warning: Toxic substances

REGULATORY INFORMATION

No further relevant information available.

15. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.