



Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier: Aminophylline injection USP 25 and 50 mg/mL.

Other Means of Identification: Code: L0010021 (250 mg/10 mL) L0010022 (500 mg/10 mL) DIN: 00582662 (25 mg/mL) 00582654 (50 mg/mL).

Recommended Use: N/A

Restrictions on Use: N/A

Initial Supplier Identifier: Omega Laboratories, Ltd.
11177 Hamon St.
Montreal, Canada H3M 3E4

Emergency Telephone Number: (514) 335-0310

SECTION 2. HAZARD IDENTIFICATION

Classification: N/A

Label Elements: N/A

Other Hazards: N/A

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Aminophylline dehydrate	5877-66-5	2.5 or 5.0%	N/A	N/A
Purified water	7732-18-5	q.s.	N/A	N/A

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation: Remove from source of exposure. If signs of toxicity occur, seek medical attention.

Skin Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or sign of toxicity occur, seek medical attention.

Eye Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or sign of toxicity occur, seek medical attention.

Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical attention.

Most Important Symptoms and Effects, Acute and Delayed: In clinical use, adverse reactions include nausea, vomiting with blood, gastrointestinal distress, diarrhea, headache, irritability, restlessness, insomnia, palpitations, increased heart rate, flushing, lowered blood pressure, increased respiration, albuminuria,



increased urine output and rashes.

Immediate Medical Attention and Special Treatment: N/A

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use appropriate media for primary cause of fire.

Unsuitable Extinguishing Media: N/A

Specific Hazards Arising from the Product: N/A

Special Protective Equipment and Precautions for Fire-Fighters: Wear protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Only use impervious glove and eye protection if contact is likely.

Methods for Containment and Cleaning Up: Isolate area around spill. Put on suitable protective clothing and equipment as specified by site spill procedures. Absorb the liquid with suitable material and clean affected area with soap and water. Dispose of spill materials according to the applicable federal, provincial or local regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling and Conditions for Safe Storage: No special handling required. No special storage required for hazard control. For product protection store at controlled room temperature of 15°C to 30°C. Protect from light. Do not freeze.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
N/A				
N/A				
N/A				

Notes

Appropriate Engineering Controls: No special provisions required under normal product use conditions.

Individual Protection Measures

Eye/Face Protection: Eye protection is not required under normal product use conditions, but its recommended if eye contact is likely.

Skin Protection: If skin contact is likely, impervious gloves are recommended.

Respiratory Protection: None required under normal product use conditions.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid.

Odour: N/A

Odour Threshold: N/A

pH: 8.5 – 9.0

Melting Point and Freezing Point: Water (approx.)

Initial Boiling Point and Boiling Range: Water (approx.)

Flash Point: Non-Flammable.

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper and Lower Flammability or Explosive Limit: N/A

Vapour Pressure: N/A

Vapour Density (air = 1): N/A

Relative Density (water = 1): N/A

Solubility in Water: Aqueous solution.

Solubility in Other Liquids: N/A

Partition Coefficient, n-Octanol / Water: N/A

(Log Kow)

Auto-ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

Specific gravity: water (approx.)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Chemical Stability: Protect from light and heat.

Possibility of Hazardous Reactions: N/A

Conditions to Avoid: N/A

Incompatible Materials: N/A

Hazardous Decomposition Products: When heated to decomposition it emits toxic fumes of nitrogen oxides (NO).

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

LD50 (oral): Mice and Rat 150-243 mg/kg.

LD50 (dermal): Rat, Mice and Guinea pigs 176-222 mg/kg.

Notes



Skin Corrosion / Irritation: N/A
Serious Eye Damage / Irritation: N/A
STOT (Specific Target Organ Toxicity) - Single Exposure
Ingestion Hazard: Possibly toxic.
STOT (Specific Target Organ Toxicity) - Repeated Exposure
Respiratory and/or Skin Sensitization: N/A

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
N/A			
N/A			
N/A			

Notes

Reproductive Toxicity

Development of Offspring: N/A
Sexual Function and Fertility: N/A
Effects on or via Lactation: N/A
Germ Cell Mutagenicity: N/A
Interactive Effects: N/A

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: N/A
Persistence and Degradability: N/A
Bioaccumulative Potential: N/A
Mobility in Soil: N/A
Other Adverse Effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods: N/A

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group

Special Precautions: N/A
Environmental Hazards: N/A
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: N/A



SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations: N/A

SECTION 16. OTHER INFORMATION

Date of Latest Revision

13-06-2019

WHMIS 2015 Template Provided by CCOHS, 2015