

Safety Data Sheet

1: IDENTIFICATION

Product Name

ATP Standard and Controls

Product Code

ATP-Std, ATP-LH

Product Use

used to establish an ATP standard curve with controls for assay validation

Synonyms

Adenosine 5'-triphosphate disodium salt solution, ATP Standard, ATPCtl-L, ATPCtl-H, ATP-Ctl-X

SupplierPreferredCellSystems™
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719-264-6250**Emergency Response: 1-719-264-6250 M-F 8-5pm MST***For research use only*

2: HAZARDS IDENTIFICATION

Hazard Classification

Signal Word: Not Hazardous

Health Hazards: Not Hazardous

Physical Hazards: Not Hazardous

Hazards not otherwise classified or not covered by GHS: None

Specific effects

Carcinogenic effects - None

Mutagenic effects - None

Reproductive toxicity - None

Sensitization - None

Target Organ Effects - No known effects under normal use conditions

HMIS:

Health / Flammability / Reactivity = 0/0/0

3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients: This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No SDS is required.**This product is a mixture of components that include, but is not limited to adenosine 5'-triphosphate disodium salt dissolved in buffer.**

4: FIRST AID MEASURES

Eye Contact	May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.
Skin Contact:	Generally the product does not irritate the skin. Immediately flush with plenty of water.
Inhalation:	If the patient feels unwell or is concerned, remove to fresh air and get immediate medical attention.
Ingestion:	If the patient feels unwell or is concerned, get immediate medical attention.

5: FIRE-FIGHTING MEASURES

Flammable No	Extinguishing Media Water spray, Foam, Dry chemical, or Carbon dioxide
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Specific Fire Fighting procedures

Wear self-contained breathing apparatus and protective suit

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protection equipment
Methods for cleaning up	Soak up with inert absorbent material.

7: HANDLING AND STORAGE

Handling:	No special handling procedures are required.
Storage:	Keep in properly labelled containers and store frozen

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8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	
	Ensure adequate ventilation, especially in confined areas
Personal Protective Equipment:	
Hand:	Protective gloves
Skin/Body:	Lightweight protective clothing
Respirator:	Not Applicable
Footwear:	Not Applicable
Eye:	Safety glasses with side-shields
Other:	General good laboratory practices and universal handling procedures recommended.
Environmental Exposure Control:	
	No special environmental precautions required

9: PHYSICAL AND CHEMICAL PROPERTIES
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Physical State	Appearance	Odor
Liquid	Clear (ATP Controls - Clear Pink)	Not Determined
Freezing Point (°C)	Boiling Point (°C)	pH
Approximately 0	Approximately 100	Approximately 7.0-7.8
Flash Point (°C)	Melting Point (°C)	Autoignition Temperature (°C)
Not Available	Not Available	Not Available
Oxidizing Properties (°C)	Water Solubility	Viscosity
Not Available	Soluble	Not Available

10: STABILITY AND REACTIVITY

Chemically Stable	Materials to Avoid
Stable under normal conditions	No dangerous reaction known under normal use conditions
Hazardous decomposition products	
None under normal use conditions	
Hazardous polymerization	
Hazardous polymerization does not occur	

11: TOXICOLOGICAL INFORMATION

Potential Health Effects:	
Eye Contact: May cause eye irritation.	Carcinogenicity: None
Skin Contact: May cause skin irritation	Reproductive Toxicity: None
inhalation: May be harmful if inhaled.	Mutagenicity: None
Ingestion: May be harmful if swallowed.	Sensitization: None

12: ECOLOGICAL INFORMATION

Ecotoxicity effects	Not Available
Mobility	Not Available
Biodegradation	Inherently
Bioaccumulation	Does not bioaccumulate

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with existing practices at your institution in accordance with governing laws.

14. TRANSPORT INFORMATION

DOT Hazard Class: Non-hazard for transport
 IATA Hazard Class: Non-hazard for transport
 IMDG Hazard Class: Non-hazard for transport

15. REGULATORY INFORMATION

SARA 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)	This product does not contain HAPs
WHMIS hazard class	Non-controlled

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. PreferredCellSystems™ will not be liable for any damages resulting from handling the above product. All materials and mixtures may present unknown hazards and should be used with caution.

**THIS PRODUCT IS FOR RESEARCH ONLY.
 IT IS NOT TO BE ADMINISTERED TO HUMANS.**