

Safety Data Sheet

1: IDENTIFICATION

Product Name	ATP ER (ATP Enumeration Reagent)
Product Code	Not Applicable
Product Use	Lyses cells and reacts with released ATP to produce luminescence
Synonyms	Not Applicable
Supplier	PreferredCellSystems™ 1485 Garden of the Gods Road, Suite 152 Colorado Springs, CO 80907 USA 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
Environmental Hazards: H412: harmful to aquatic life with long-lasting effects
Hazards not otherwise classified or not covered by GHS: None
Precautionary Statements:
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
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 is a mixture of the hazardous substances listed below along with unlisted nonhazardous substances. The exact concentration of hazardous substances are withheld as a trade secret.		
	Hazardous Component	Concentration
9002-92-0	Polyethylene glycol 400 dodecyl ether Eye Dam. 1, H318; Skin Irrit. 2, H315	<2.50%
1119-94-4	Dodecyltrimethylammonium bromide Acute Tox. 3, H301; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<2.00%

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
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.
Environmental	Dilute with plenty of water, and do not allow to enter sewers/surface or ground water

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7: HANDLING AND STORAGE

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

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:	
	Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage systems

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Appearance	Odor
Liquid	Clear Yellow	Not Determined
Freezing Point (°C)	Boiling Point (°C)	pH
Approximately 0	Approximately 100	6 at 20 degrees C
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	Not Available
Bioaccumulation	Not Available
<i>General Notes: Water Hazard Class 1: Slightly hazardous for water</i>	

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
National regulations	Water hazard class 1: slightly hazardous for water

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.**