Safety Data Sheet

ATP ER

1. IDENTIFICATION

Product Name(s):
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:
Preferred Cell Systems™
1485 Garden of the Gods Road, Suite 152
Colorado Springs, CO 80907 USA
719-264-6251

Emergency Response: 1-719-264-6251 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*
9009-92-0	**Polyethylene glycol 400 dodecyl ether** **Eye Dame. 1, H318; Skin Irrit. 2, H315** 	**<2.50%**
1119-94-4	**Dodecyltrimethylammonium bromide** **Acute Tox. 3, H310; 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 absorbant material
Environmental:	Dilute with plenty of water, and do not allow to enter sewers/surface or ground water

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: Liquid	**Appearance:** Clear, Yellow	**Odor:** Not Determined
Freezing Point (°C): Approximately 0	**Boiling Point (°C):** Approximately 100	**pH:** 6 at 20 degrees C
Flash Point (°C): Not Available	**Melting Point (°C):** Not Available	**Autoignition Temperature (°C):** Not Available
Oxidizing Properties (°C): Not Available	**Water Solubility:** Solube	**Viscosity:** Not Available

10. STABILITY AND REACTIVITY

Chemically Stable: Stable under normal conditions	**Materials to Avoid:** 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

General Notes: Water Hazard Class 1; Slightly hazardous for water

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. Preferred Cell Systems™ 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.