

## SAFETY DATA SHEET

### 1. Product and Company Identification

#### Product Identifier

**Product name** ADS™ Capillary Regeneration Kit  
**Product number** 150007, 150028, 150035

#### Company Identification

Advancedseq LLC  
6654 Owens Drive  
Pleasanton, CA 94588

#### Telephone

+1 818-639-4362

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

### 2. Hazards Identification

#### GHS - Classification

#### **Signal word: Toxic**

May cause harm to skin and easily absorbed into the skin. May cause harm to an unborn child.  
Targeting Lung and liver.

HMIS Rating:  
Category2

NFPA rating:  
Category2

### 3. Composition/Information on Ingredients

The product contains the following components:

Chemical Name	CAS No.	Weight (%)
Glycerol	56-81-5	1-3%
Sodium Carbonate	497-19-8	1-5%
Hydrochloric acid	7647-01-0	1-4%
Tris(hydroxymethyl) aminomethane hydrochloride	1185-53-1	1-10%
Ethyl alcohol	64-17-5	5-30%

### 4. First Aid Measures

**Skin Contact:** Wash off with soap and rinse with plenty of water.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids as a precaution

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration.

## 5. Fire-Fighting Measures

**Suitable Extinguishing Media:** Water spray. Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam. Dry chemical.

**Special Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and protective suit.

## 6. Accidental Release Measures

**Personal Precautions:** Avoid breathing vapors, mist or gas

**Methods for Cleaning up:** Soak up with inert absorbent material.

### Environmental Precautions

No special environmental precautions required. Keep in suitable, closed containers for disposal

## 7. Handling and Storage

**Handling:** Do not breath or inhale vapor. Avoid contact with skin and eyes.

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure Controls/Personal Protection

### Exposure Limits

Contains no substances with occupational exposure limit value

**Engineering Measures:** General industrial hygiene practice

### Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

**Respiratory Protection:** Respiratory protection not required

**Hand Protection:** Impervious gloves. Glove must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Wash and dry hands.

**Eye Protection:** Safety glasses with side-shields.

**Skin and Body Protection:** Lightweight protective clothing.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

### Environmental Exposure Controls

Prevent product from entering drains.

## 9. Physical and Chemical Properties

### General Information

**Appearance Form:** liquid

**Odor:** No information available

**Boiling Point/Range:** No information available

**Melting Point/Range:** No information available

**Flash Point:** No information available

**Auto Ignition Temperature:** No information available

**Oxidizing Properties:** No information available.

**Water Solubility:** soluble

## 10. Stability and Reactivity

**Stability:** Stable under recommended storage conditions.

**Materials to Avoid:** No dangerous reaction known under conditions of normal use.

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide. Nitrogen oxide

**Incompatible materials:** Strong oxidizing agents, acids and base

## 11. Toxicological Information

No data available

### Principle Routes of Exposure/Potential Health Effects

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Inhalation:** May be harmful by inhalation.

**Ingestion:** May be harmful if swallowed

**Carcinogenic effects:** none

**Mutagenic effects:** none

**Reproductive toxicity:** none

**Sensitization:** none

**Target Organ Effects:** No known effects under normal use condition

## 12. Ecological Information

**Ecotoxicity Effects:** No further relevant information available

**Mobility:** No further relevant information available

**Biodegradation:** Inherently biodegradable

**Bioaccumulation:** Does not bioaccumulate.

## 13. Disposal Considerations

Dispose of in accordance with local regulations.

## 14. Transport information

### IATA

**Proper Shipping Name:** Not dangerous goods

**Hazard Class:** none

**Subsidiary Class:** none

**Packing Group:** none

**UN-No:** none

## 15. Regulatory Information

### U.S. Federal Regulations

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 202

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

No SARA Hazards

**16. Other information**

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

**End of Safety Data Sheet**