

**MATERIAL SAFETY DATA SHEET**  
***Circadia Lactic Acid 45% Peel***

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**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Circadia Lactic Acid 45% Peel  
PRODUCT USE: Facial Peel Treatment  
MANUFACTURER: Advanced Skin Technologies, Inc. (AST, Inc.)  
EMERGENCY TELEPHONE: (610) 488-7643

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**2. COMPOSITION INFORMATION ON INGREDIENTS**

Active Ingredients:Lactic Acid 45%

The specific identities of the constituents of this material are considered by AST, Inc. to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the code of Federal Regulations.

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**3. HAZARDS IDENTIFICATION**

**POTENTIAL HEALTH HAZARDS**

SKIN: Wash with soap and water. Get medical attention.  
EYES: Flush with water for 15 minutes, get medical attention immediately.  
INHALATION: Remove from exposure to fresh air immediately. If breathing has stopped, give artificial respiration, oxygen or perform CPR. Get medical attention immediately.  
INGESTION: Do not induce vomiting unless directed to do so by medical personnel.  
DELAYED EFFECTS: None known  
Ingredients found on the OSHA designated carcinogen list are listed below:  
Ingredient Name: No ingredients apply to this list.

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**4. FIRST-AID MEASURES**

SKIN CONTACT: Wash with soap and water. Get medical attention.  
EYE CONTACT: Flush with water for 15 minutes, get medical attention immediately.  
INHALATION: Remove from exposure to fresh air immediately. If breathing has stopped, give artificial respiration, oxygen or perform CPR. Get medical attention immediately.  
INGESTION: Get medical attention immediately. Do not induce vomiting unless directed to do so by medical personnel.

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**5. FIRE FIGHTING MEASURES**

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may produce oxides of carbon.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Emits toxic fumes under fire conditions.  
SPECIAL FIREFIGHTING PRECAUTIONS/INSTRUCTIONS: Exercise caution when fighting any chemical fire. Use NIOSH-approved self contained breathing apparatus and full protective clothing.  
SMALL FIRE: Use DRY chemical powder.  
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

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**6. IN CASE OF SPILL OR OTHER RELEASE**

IF MATERIAL IS SPILLED OR RELEASED: Dilute with water and mop up, or absorb with an inert material and place in appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.  
OVEREXPOSURE EFFECTS: May cause headache, dizziness, rapid pulse, slight to moderate hypernea, lethargy, vomiting tinnitus, dermatitis, shortness of breath.

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### **7. HANDLING AND STORAGE**

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**NORMAL HANDLING:** Handle according to Good Manufacturing Practices.

**PRECAUTIONS:** Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, alkalis.

**STORAGE RECOMMENDATIONS:** Keep container tightly closed, store in cool well-ventilated area.

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### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses. Lab coat. Vapor respirator. Gloves.

**RESPIRATORY PROTECTION:** Be sure to use an approved/certified respirator or equivalent.

**FOLLOW GOOD MANUFACTURING PROCEDURES.**

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### **9. PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE:** Clear Liquid

**PHYSICAL STATE:** Thin Liquid

**ODOR:** Characteristic scent.

**pH RANGE:** pH = N/A

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### **10. STABILITY AND REACTIVITY**

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**NORMALLY STABLE?** YES

**INCOMPATIBILITIES:** Do not store near excessive hot or open flame.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None.

**HAZARDOUS POLYMERIZATION:** Not expected to occur.

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### **11. TOXICOLOGICAL INFORMATION**

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**IMMEDIATE (ACUTE) EFFECTS:** None known.

**DELAYED (SUBSONIC AND CHRONIC EFFECTS):** None known.

**OTHER DATA:** None known.

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### **12. ECOLOGICAL INFORMATION**

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N/A Check with Local Emergency Planning Committees for large spills.

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### **13. DISPOSAL CONSIDERATIONS**

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**RCRA:** Is the unused product a RCRA hazardous waste if discarded? No

If yes, the RCRA ID number is: Not applicable.

**OTHER DISPOSAL CONSIDERATIONS:** Check with state and local authorities before discarding.

The information offered here is for the product as shipped. Use and/or alteration to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

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### **14. TRANSPORT INFORMATION**

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**US DOT HAZARD CLASS:** Not regulated. United Nations Number: NOT APPLICABLE; ADR/RID

**US DOT ID NUMBER:** Not applicable. For additional information on shipping regulations affecting this material, contact the information number found on the number found on the first page.

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15. REGULATORY INFORMATION / Not applicable

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16. OTHER INFORMATION

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THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION, HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

ADVANCED SKIN TECHNOLOGIES, INC. ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE CAUSED BY THE USE, STORAGE OR DISPOSAL OF THE PRODUCT IN A MANNER NOT RECOMMENDED ON THE PRODUCT LABEL. USERS ASSUME ALL RISKS ASSOCIATED WITH SUCH UNRECOMMENDED USE, STORAGE, OR DISPOSAL OF THE PRODUCT.

MSDS Number: Circadia Lactic Acid 45% Peel