

## MATERIAL SAFETY DATA SHEET

### **Circadia by Dr Pugliese Oxygen Rx**

#### 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Oxygen Rx

PRODUCT USE: Skin Treatment

MANUFACTURER: ADVANCED SKIN TECHNOLOGIES, INC (A.S.T., INC.) 7143 BERNVILLE ROAD, BERNVILLE, PA 19506. FOR MORE INFO CALL (610) 488-7643 8AM TO 3PM, MONDAY- FRIDAY.

#### 2. COMPOSITION INFORMATION ON INGREDIENTS

Magnesium Peroxide

The specific identities of the constituents of this material are considered by Circadia by Dr Pugliese, 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.

#### 3. Hazards Identification

##### POTENTIAL HEALTH HAZARDS

GENERAL: Irritating to the mucous membranes and eyes.

SKIN: May cause skin irritation.

EYES: May cause irritation to the eyes; Risks of serious or permanent eye lesions.

INHALATION: Irritating to the respiratory tract.

SWALLOWING: Irritation of the mouth and throat with nausea and vomiting

DELAYED EFFECTS: None known

Ingredients found on the OSHA designated carcinogen list are listed below:

Ingredient Name: No ingredients apply to this list.

#### 4. FIRST-AID MEASURES

SKIN: Wash affected skin with soap and large amounts of water.

EYES: Flush with water for 15 minutes with eyelids open, seek specialist advice.

INHALATION: Remove affected person to fresh air. Seek medical attention if necessary.

INGESTION: If the person is conscious and not convulsing, give 2-4 cupfuls of water to dilute the chemical and seek medical attention immediately. Do not induce vomiting.

NOTE TO PHYSICIAN: There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

#### 5. FIRE FIGHTING MEASURES -

FLASH- POINT.N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIREFIGHTING PRECAUTIONS /INSTRUCTIONS: Extinguishing media -Water

FIRE HAZARDS: Oxidizer. Storage vessels involved in a fire may vent gas or rupture due to internal pressure. Damp material may decompose exothermically and ignite combustibles.

Oxygen release due to exothermic decomposition may support combustion. May ignite other combustible materials. Avoid contact with incompatible materials such as heavy metals, reducing agents, acids, bases, combustibles (wood, papers, cloths, etc.) Thermal decomposition releases oxygen and heat. Pressure bursts may occur due to gas evolution. Pressurization if confined when heated or decomposing. Containers may burst violently.

#### 6. IN CASE OF SPILL OR OTHER RELEASERemove

ignition sources. Contain spill. Shovel or sweep material into bags for disposal. Flush remaining area with water to remove trace residue and dispose of properly. Avoid direct discharge with sewers and surface waters.

#### 7. HANDLING AND STORAGE

NORMAL HANDLING: Handle according to Good Manufacturing Practices.

STORAGE RECOMMENDATIONS: Oxidizer. Store in a dry well ventilated area. away from all

sources of ignition and out of direct sunlight. Store in dry location away from heat.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT: to prevent skin contact.

SKIN: Wear gloves and protective clothing depending on condition of use.

Protective gloves: chemical resistant.

EYES: Wear chemical safety goggles and a full face shield while handling this product.

RESPIRATORY PROTECTION: Avoid casual breathing, None normally with adequate ventilation.

VENTILATION: Local exhaust is recommended (explosion proof), general mechanical ventilation is usually adequate

#### 9. PHYSICAL AND CHEMICAL PROPERTIES -

APPEARANCE: White to yellowish powder.

PHYSICAL STATE: Powder.

ODOR: None

#### 10. STABILITY AND REACTIVITY==

NORMALLY STABLE? YES

INCOMPATIBILITIES: Water, Acids, Salts of heavy metals, Reducing agents, and Flammable substances.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxygen which supports combustion.

HAZARDOUS POLYMERIZATION: Not expected to occur.

DELAYED (SUBCHRONIC AND CHRONIC EFFECTS): None known.

OTHER DATA: None known.

#### 11. TOXICOLOGICAL INFORMATION

Immediate (Acute) Effects: none known

Delayed (subchronic and chronic effects): none known

Other Data: none known

#### 12. ECOLOGICAL INFORMATION

Material is considered safe. Check with Local Emergency Planning Committees for large spills.

#### 13. DISPOSAL CONSIDERATIONS

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.

NOT APPLICABLE; ADR/RID. Class:

US DOT ID NUMBER: Not applicable.

For additional information on shipping regulations affecting this material, contact the information number found on the first page.

15. Regulatory Information/ Not applicable

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. CIRCADIA BY DR PUGLIESE, INC. AND AST, 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 UN RECOMMENDED USE, STORAGE, OR DISPOSAL OF THE PRODUCT.

MSDS Number: C-Oxygen Rx-01  
Current Issue Date: 05/19/09