

MATERIAL SAFETY DATA SHEET

MANUFACTURER: ZOTOS INTERNATIONAL, INC.  
 ADDRESS: 100 TOKENEKE ROAD  
 DARIEN, CT 06820  
 PHONE: (203) 656-7859  
 MONDAY THRU FRIDAY (8:30 a.m. - 5:00 p.m. EST)  
 EMERGENCY NO.: (800) 584-8038 24 Hours

Prepared: 10/17/02

Current MSDS Update: 02/21/03

SECTION I. MATERIAL IDENTIFICATION

A. MATERIAL TYPE: Design Freedom Conditioning Alkaline Perm (Tinted)

SECTION II. INGREDIENTS

Water (Aqua)	Ammonium Thioglycolate
Diammonium Dithiodiglycolate	Laureth-23
Potassium Cocoyl Hydrolyzed Collagen	Fragrance (Parfum)
Styrene/Acrylates Copolymer	Ammonium Hydroxide

SECTION III. PHYSICAL DATA (APPEARANCE)

A. PRESSURIZED CONTAINER: Yes  No

B. TYPE CONTAINER(S): PLASTIC BOTTLE  GLASS BOTTLE   
 BOX  METAL CAN  OTHER:

C. DESCRIPTION: CLEAR LIQUID  LIQUID EMULSION  FRAGRANCED   
 CLOUDY LIQUID  CREAM  OTHER:

ODOR:

Design Freedom Conditioning Alkaline Perm (Tinted)

---

**SECTION IV. FIRE AND EXPLOSION DATA**

---

- A. FLAMMABLE  COMBUSTIBLE  NEITHER
- B. FLASH POINT: \_\_\_\_\_ NOT APPLICABLE
- C. CONTENTS UNDER PRESSURE: YES  NO
- D. EXTINGUISHING MEDIA: WATER  ABC ALL PURPOSE EXTINGUISHER   
CO<sub>2</sub>  OTHER:
- E. SPECIAL FIRE FIGHTING PROCEDURES:
- F. EXPLOSIVE: YES  NO

---

**SECTION V. REACTIVITY DATA**

---

- A. STABLE: YES  NO
- B. HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia, Hydrogen Sulfide, Sulfur Oxides
- C. INCOMPATIBLE WITH: DO NOT MIX IN METAL BOWL.
- D. SPECIAL CONDITIONS TO AVOID: SEE INSTRUCTIONS ACCOMPANYING PRODUCT
- E. CORROSIVE: YES  NO

---

**SECTION VI. HEALTH HAZARDS INFORMATION**

---

- A. ACCIDENTAL INGESTIONS: Slightly toxic (Rating = 2)  
Source: Clinical Toxicology of Commercial Products - Gosselin et. al. & Historical Data  
- Call physician or Poison Control Center immediately.
- B. EFFECTS OF EXPOSURE: Rarely presents a problem when used according to directions. This product is safe for its intended use.  
  
See instructions accompanying product
- C. FIRST AID: If reaction to product does not subside quickly (in a few minutes) consult physician or emergency room immediately.

Design Freedom Conditioning Alkaline Perm (Tinted)

- EYE CONTACT: Accidental introduction into eye can result into either mild or moderate irritation. Flush with copious amounts of water immediately. If reaction persists, consult physician or eye doctor or emergency room immediately.
- SKIN CONTACT: Flush with water. In the unlikely event a skin reaction such as rashes or swelling should occur, consult a dermatologist or other physician.
- RESPIRATORY: Reaction not expected. If unusual symptoms develop, discontinue exposure and consult physician or emergency room immediately.
- OSHA (PEL): NE for Ammonium Thioglycolate.  
Ammonia = 35 ppm (STEL)
- ACGIH (TLV): Ammonium Chloride = 10 mg/m<sup>3</sup>  
Ammonia = 25 ppm

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

- SPILLS, LEAKS: Small spills-Flush with water.  
Large spills-Should be collected in suitable container. Wash floors with water.
- DISPOSAL: Disposal should be in accordance with all applicable local, state and federal regulations.

SECTION VIII. SPECIAL PROTECTION INFORMATION

- 1. NONE:
- 2. GLOVES:
- 3. SEE INSTRUCTIONS ACCOMPANYING PRODUCTS:

SECTION IX. PRECAUTIONS AND COMMENTS

- A. STORAGE & HANDLING INFORMATION: Store in dry area at normal temperatures. Avoid storing at high temperature or near heat source. Avoid freezing temperatures.
- B. Special Storage required: Yes  No
- C. DOT Class: Exempt  Red Label  Consumer Commodity ORM-D  
Oxidizer
- D. See instructions accompanying product.