

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 Regular

SECTION II. INGREDIENTS

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

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 Regular

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
CO₂ 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 Regular

- 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/m³
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.