

MATERIAL SAFETY DATA SHEET

MANUFACTURER: ZOTOS INTERNATIONAL, INC.
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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 Plus Perm Wave Lotion

SECTION II. INGREDIENTS

Water	Ethanolamine Thioglycolate
Ammonium Thioglycolate	Ethanolamine
Diammonium Dithiodiglycolate	Oleth-20
Amodimethicone	Dicetyldimonium Chloride
Hydrolyzed Wheat Protein	Ammonium Bicarbonate
Lauryl Betaine	Fragrance (Parfum)
Tallowtrimonium Chloride	Etidronic Acid
Nonoxynol-10	Isopropyl Alcohol

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: PERFUME AND AMMONIA

Design Freedom Plus Perm Wave Lotion

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: MODERATELY TOXIC (Rate = 3)
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.
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 Plus Perm Wave Lotion

- EYE CONTACT:** Accidental introduction into eye can result into slight 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

SECTION VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILLS, LEAKS: Small spills-Wipe up excess product. Wash floor with water.
Large spills-Should be collected in suitable container. Wash floor 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.**