

# MATERIAL SAFETY DATA SHEET

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** K-Pak Waves Reconstructive Thio-Free Wave Neutralizer for Normal/Resistant and Bleached/Tinted Hair

**MANUFACTURER'S NAME:**

Zotos International, Inc.

**EMERGENCY #:** (800) 584-8038 - 24 hours

**INFORMATION #:** (203) 656-7859 (8:30 am– 5:00 pm)

**ADDRESS (NUMBER, STREET, CITY, STATE, & ZIP CODE):**

100 Tokeneke Road,  
Darien, CT 06820  
www.joico.com

**PREPARED:** October 16, 2008

**CURRENT MSDS UPDATE:**

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME(S)	CAS NUMBER	TLV-TWA	PEL	OTHER LIMITS RECOMMENDED
Hydrogen Peroxide	7722-84-1	1ppm	1ppm	None

## SECTION 3. HAZARDS IDENTIFICATION

**Physical/chemical hazards:** The data available do not support any physical or chemical hazard.  
**Human health hazards:** The data available do not support any adverse human health hazard.  
**Environmental hazards:** The data available do not support any environmental hazard.

## SECTION 4. FIRST-AID MEASURES

**Effects and symptoms**

**Inhalation:** No specific effects and/or symptoms have been reported or known.

**K-Pak Waves Reconstructive Alkaline Wave Neutralizer;  
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**Ingestion:** May cause some gastric distress.

**Skin contact:** Exposure may cause irritation, blisters or burns.

**Eye contact:** Prolonged or repeated exposure may be irritating (redness, tears and pain).

## First-aid measures

**Inhalation:** Remove victim to fresh air. Consult a doctor in the event of any complaints.

**Ingestion:** Consult with a physician immediately in all cases.

**Skin contact:** Wash the affected skin with running water.

**Eye contact:** Immediately wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Consult a doctor in the event of any complaints.

**Protection of first-aiders:** Avoid exposure. Use appropriate protection (see section 8).

## SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water, ABC all-purpose fire extinguisher, CO<sup>2</sup> extinguisher.

**Special fire-fighting procedures:** None

**Unusual Fire and Explosion Hazards:** Not known

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Rubber gloves required.

**Environmental precautions:** Store in cool, dry area. This product is safe if used according to directions.

**Methods for cleaning up:** Seal leak if possible without risk. Collect spilled material in sealable containers. Wash away remainder with plenty of water.

## SECTION 7. HANDLING AND STORAGE

**Handling:** When handling the product, allow for materials and conditions which should be avoided (see Section 10). Avoid contact with skin and eyes.

**Specific use(s):** Not available.

**Storage:** Store in dry area at normal temperatures. Avoid storing at high temperature or near heat source. Avoid freezing temperatures.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures:** Ventilation recommended.

**Hygiene measures:** When using do not eat, drink or smoke. Follow good housekeeping practices.

**Occupational Exposure:** No occupational exposure limits have been established

### Personal Protective Equipment

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**Respiratory system:** With sufficient ventilation, extraction or closed system, breathing apparatus not necessary.

**Other protective equipment:** Not available.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Thin liquid.  
**Color:** Colored.  
**Odor:** Fragranced  
**Molecular weight:** Not available.  
**Boiling point:** > 100 °C  
**Melting point:** Not available.  
**Density:** 1.1 - 2.1  
**Vapour density (air=1):** Not available.  
**Vapor pressure:** Not available.  
**Specific gravity (H<sub>2</sub>O=1):** Not available.  
**Solubility in water:** Soluble  
**Octanol/water partition:** Not available  
**pH:** 3.9 – 4.1  
**Flash point:** Not available.  
**Explosion properties:** Not explosive.

### SECTION 10. STABILITY AND REACTIVITY

**Product Stability:**  Unstable  Stable  
**Conditions to avoid:** Temperatures exceeding 140°F (60°C) and contamination of any kind.  
**Chemical Incompatibility:** Reducing agents, metals.  
**Hazardous Decomposition Products:** Contaminated product generates oxygen gas. Pressure in container may build up to a dangerous level.  
**Hazardous Polymerization:**  May Occur  Will Not Occur

### SECTION 11. TOXICOLOGICAL INFORMATION

**Accidental Ingestion:** Slightly Toxic (LD<sub>50</sub> >5 gm/kg)  
**Acute toxicity:** N/A  
**Dermal:** Repeated exposure may cause skin dryness or cracking.  
**Eye irritation:** May be irritating.

### SECTION 12. ECOLOGICAL INFORMATION

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No ecological information is known on the product.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Methods of disposal:** Disposal according to the Local, State and Federal Regulations.

**Waste of residues:** Flush away with water.

**Contaminated packaging:** Keep waste packaging separate. Because of possible pollution, remove as industrial waste or hazardous waste.

## SECTION 14. TRANSPORT INFORMATION

**DOT Class:** Exempt X                      Red Label: \_\_\_\_                      Consumer Commodity ORM-D

Oxidizer

UN No. \_\_\_\_

## SECTION 15. REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)  
This Material is not known to contain any chemicals currently listed as carcinogens or reproductive toxics under California Proposition 65 at levels which would be subject to the proposition.

## SECTION 16. SUPPLIER INFORMATION

The information contained herein is, to the best of our knowledge and belief, accurate and reliable as of the date issued. We do not however, warrant or guarantee the accuracy or reliability, nor shall we be liable for any loss or damage arising out of the use thereof. The information is offered for the user's consideration and examination, and it is the user's responsibility to satisfy himself that it is suitable and complete for his particular use.

### Abbreviations:

Na (N/A): Not Available

UNK: Unknown

NE (N/E): Not Established

ND (N/D): Not Determined

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