MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: **K-Pak Waves Reconstructive Thio-Free Waving Lotion for Normal/Resistant, Fine/Limp and Gray/White 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

F#5366A

PREPARED: October 16, 2008

CURRENT MSDS UPDATE:

SECTION 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL NAME(S)	CAS NUMBER	%WT	TLV-TWA	OTHER LIMITS RECOMMENDED	HAZARDS
Cysteamine HCl	156-57-0		None Established		

Precautionary Statement: For Professional use only. Caution: Do not give this or any other perm if scalp is sensitive or abraded, or if your client has a history of allergic reaction to a permanent wave or other cosmetic products.

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: May cause irritation to respiratory tract.
Ingestion: May cause irritation.

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Skin contact: May cause dermatitis in some individuals.
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 complaints.
Ingestion: (Excessive) Get medical attention immediately.
Skin contact: Thoroughly wash exposed area with soap and 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
Suitable: Water, ABC all-purpose fire extinguisher, CO_2 extinguisher .
Special fire-fighting procedures: None
Protection of fire-fighters: Burning may produce: toxic and/or corrosive vapours/gases. Wear suitable protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Protective gloves required.
Methods for cleaning up: Mop up spill and rinse area with water.

SECTION 7. HANDLING AND STORAGE

Handling: When handling the product, allow for materials and conditions which should be avoided (see Section10). Avoid contact with skin and eyes.

Specific use(s): Not available.
Storage: Avoid freezing or excessive heat when storing.
Other Precautions: Neutralizing chemicals: 2% hydrogen peroxide.

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

Skin and body: Wear suitable protective clothing

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Hands: Wear suitable gloves.
Eyes: Safety glasses.
Other protective equipment: Not available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Clear to almost clear viscous liquid.
Color: Colorless
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_2O=1): 1.11 – 1.13
Solubility in water: Soluble
Octanol/water partition: Not available
pH: 7.0 – 7.4
Flash point: Not available.
Explosion properties: Not explosive.

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Hazardous reactions: Not available.
Hazardous Decomposition Products: Ammonia, Hydrogen Sulfite, Sulfur Oxides.
Incompatible with: Do not mix in metal bowl.

SECTION 11.TOXICOLOGICAL INFORMATION

Toxicity: Moderately Toxic (Rate=3)
Source: Clinical Toxicology of commercial products – Gosselin et.al & Historical Data
Acute toxicity: N/A
Dermal: Repeated exposure may cause skin dryness or cracking.
Eye irritation: Accidental introduction into eye can result into moderate irritation.

SECTION 12. ECOLOGICAL INFORMATION

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No ecological information is known on the product.

SECTION 13. DISPOSAL CONSIDERATIONS

Methods of disposal: Use procedures in accordance with Local, State and Federal regulations where applicable.

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