

# MATERIAL SAFETY DATA SHEET

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** **Joico Curl Definer Crème/Gel Curl Enhancer**

**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

**Distributed in the EU :**

**Joico Laboratories Europe BV – Zotos Europe**  
**Grasbeemd 4**  
**5705 DG Helmond , The Netherlands**  
**Tel. + 31 492 553 999 (Monday through Friday 9.00 – 17.00)**

**Transportation Emergency (24 hour), contact : CHEMTREC – Phone # 1-800-424-9300 (US and Canada)**

**PREPARED:**  
November 11, 2009

**CURRENT MSDS UPDATE:**

## SECTION 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This is a personal care product that is safe for consumers and other users under intended and reasonably foreseeable use.

**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 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME(S)	CAS NUMBER	TLV-TWA	PEL	OTHER LIMITS RECOMMENDED	HAZARDS
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No hazardous ingredients

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The product does not contain ingredients considered hazardous as defined by OSHA, 29 CFR 1910.1200 and/or WHMIS under HPA

## SECTION 4. FIRST- AID MEASURES

**Inhalation:** If respiratory irritation occurs, remove individual to fresh air.

**Ingestion:** In case of accidental ingestion dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting.

Note: After first aid treatment, the caller should be advised that Physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller.

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

Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, contact a physician.

**Eye contact:** Accidental introduction of undiluted product into eye can result into either mild or moderate irritation. Thorough rinsing for 15-20 minutes of the affected eye with water is recommended.

## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing media

**Suitable:** All types of extinguishing agent permitted. Dike fire control water for later disposal.

### Special fire-fighting procedures:

**Protection of fire-fighters:** Non-combustible. No special procedure.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid spills. Keep container closed.

**Environmental precautions:** Prevent dispersion.

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

## 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):** N/A

**Storage:** Keep container tightly closed. Keep in a dry place. Keep at temperatures above 0 °C.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering measures:** Ventilation recommended.

**Hygiene measures:** Follow good housekeeping practices.

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

**Limits:**

**Personal Protective Equipment**

**Respiratory system:** N/A

**Skin and body:** N/A

**Hands:** Wear suitable gloves (nitrile rubber). Breakthrough time: Not available.

**Eyes:** N/A

**Other protective equipment:** Not available.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Crème Gel
<b>Color:</b>	White
<b>Odor :</b>	N/A
<b>Molecular weight:</b>	N/A
<b>Boiling point :</b>	> 100 °C (> 212 °F)
<b>Melting point:</b>	N/A.
<b>Density:</b>	1.1 - 2.1
<b>Vapour density (air=1):</b>	N/A
<b>Vapor pressure:</b>	N/A
<b>Specific gravity (H2O=1):</b>	0.999 – 1.009
<b>Solubility in water:</b>	Soluble
<b>Octanol/water partition:</b>	N/A
<b>pH:</b>	6.5 -7.5
<b>Flash point:</b>	N/A
<b>Explosion properties :</b>	Not explosive.
<b>% VOC:</b>	Complies with Federal and State regulations for VOC content

## SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Hazardous reactions:** N/A

**Hazardous Decomposition Products:** N/A

## SECTION 11. TOXICOLOGICAL INFORMATION

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

**Acute toxicity:** N/A

**Chronic Effects:** Finished product is not expected to have chronic health effects.

**Target Organs:** No adverse health effects on target organs expected for finished product.

**Carcinogenity:** Finished product is not expected to be carcinogenic.

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## SECTION 12. ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Methods of disposal:** Disposal according to the local legislation.

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

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

## SECTION 14. TRANSPORT INFORMATION

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

Oxidizer  UN No.

## SECTION 15. REGULATORY INFORMATION

**US Federal:** The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetic Act and is safe to use as per directions on container, box or accompanying literature (where applicable). While this finished product is not considered hazardous as defined by OSHA in 29 CFR 1900. 1200(d), this MSDS contains valuable information critical to the safe handling and proper use of the product.

**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.

**Canada:**

**CPR (Canadian Controlled Products Regulations):** All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS

contains all information required by CPR.

**IDL (Canadian Ingredient Disclosure List):** Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):**

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

**European Union:**

**EINECS (European Inventory of Existing Commercial Chemical Substances):** Components

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of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

**Other:** Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

**Australia:**

Not classified as hazardous according to criteria of Worksafe Australia.  
Poison Schedule – None.

<b>SECTION 16. SUPPLIER INFORMATION</b>
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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