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SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1	Product Identifier Product Name	JEESILC CPS-210
1.2	Relevant Identified Uses of the Substance or Mixture and Uses Advised Against Identified uses	Cosmetic raw material
1.3	Details of the Supplier of the Safety Data Sheet Company	JEEN International Corporation 24 Madison Road Fairfield, New Jersey 07004 Tel: +1-973-439-1401 Fax: +1-973-439-1402 email: info@jeen.com Website: www.jeen.com
1.4	Emergency telephone number	+1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)

SECTION 2 – HAZARDS INGREDIENTS

2.1	Classification of the Substance or Mixture according to Regulation (EC) 1272/2008 Repr. 2, Aquatic Chronic 4	
2.2	Label Elements according to Regulation (EC) EU 1272/2008 Hazard pictogram	GHS08 
	Signal words Hazard statements Precautionary statements	Warning H361f: Suspected of damaging fertility. Suspected of damaging the unborn child H413: May cause long lasting harmful effects to aquatic life P263: Avoid contact during pregnancy/while nursing. P273: Avoid release to the environment
2.3	Other Hazards	None known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Substances Chemical characterization INCI CAS	Cosmetic ingredients Cyclotetrasiloxane 556-67-2
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EC Concentration 209-136-7
100%

3.2 Mixture -

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye:	Immediately flush with water
Skin:	No first aid should be needed
Inhalation:	Remove to fresh air. Get medical attention if effects persist.
Oral:	No first aid should be needed.
Comments:	Treat according to person's condition and specifics of exposure.

4.2 Most important Symptoms and Effects No information available

4.3 Indication of any immediate Medical Attention and special Treatment needed
No information available.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Flash Point 131°F (55°C)

5.2 Flammable Limits in Air, % by Volume

Lower:	0.75%
Upper:	7.4%

5.3 Extinguishing Media Use Carbon Dioxide or Dry chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires.

5.4 Special Fire Fighting Procedures Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

5.5 Unusual Fire and Explosion Hazards Static electricity is not expected to build up, and product is not sensitive to static.

5.6 Auto-ignition Temperature 752 °F (400°C)

5.7 Hazardous Decomposition Products Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde.

SECTION 6 – ACCIDENTAL RELEASE MEASURES



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6.1 Methods and Material for Containment and Cleaning Up

Use appropriate Safety Equipment. Use absorbent material to collect and contain for disposal. Contain large spills and pump into a suitable tank. Wash area with suitable detergent and thoroughly rinse.

6.2 Reference to other Sections

Section 8: Exposure control /personal protection.
 Section 13: Waste treatment.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Ventilation:
 Local Exhaust:
 Mechanical (general):
 Respiratory Protection (type):

None should be needed.
 Recommended.
 Canister for organic vapors (i.e. type GMA from Mine Safety Appliance Co.).
 Clean, body-covering clothing.
 Safety glasses
 Eye Fountain and Safety Shower in work area.

Protective Clothing:
 Eye Protection:
 Other Protective Equipment:

7.2 Conditions for Safe Storage including any Incompatibilities

Keep container closed and stored away from heat, sparks and open flame.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls

Local Ventilation:
 General Ventilation:

Recommended
 Recommended

8.1 Personal Protective Equipment for Routine Handling

Eyes:
 Skin:
 Suitable Gloves:
 Inhalation:

Use proper protection – safety goggles as a minimum
 Washing at mealtime and end of shift is adequate
 No special protection needed.
 Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.
 General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits.
 Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSHA/MSHA approved respirators.

Suitable Respirator:

8.3 Personal Protective Equipment for Spills

Eyes:
 Skin:

Use full face respirator
 Washing at mealtime and end of shift is adequate.



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Inhalation/ Suitable Respirator:

Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Precautionary Measures:

Avoid eye contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Use reasonable care.

8.4 Effects of Overexposure

Acute Effects:

Eye:

Direct contact may cause temporary redness and discomfort.

Skin:

No significant irritation expected from a single short-term exposure.

Inhalation:

No significant effects expected from a single short-term exposure.

Oral:

Low ingestion hazard in normal use.

Prolonged / Repeated Exposure Effects

Skin:

No known applicable information.

Inhalation:

Overexposure by inhalation may injure the following organ (s): Reproductive System.

Oral:

No known applicable information.

Signs and Symptoms of Overexposure

No known applicable information.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Physical Form:	Clear Liquid
Odor:	No odor to slight sweet odor
Specific Gravity @ 25 °C:	0.95
Viscosity:	2.2 mm ² /s
Freezing/Melting Point:	17.5°C
Boiling Point:	175 °C
Vapor Pressure @ 25 °C:	0.12 kPa
Vapor Density:	Not determined
pH:	7

SECTION 10 – STABILITY AND REACTIVITY

10.1 Chemical Stability

Stable [X] Unstable []

10.2 Incompatible Materials

Strong oxidizing material can cause a reaction.



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10.3 Hazardous Decomposition Products	Silicon dioxide, carbon oxides trace amounts of formaldehyde may form when heated above 300°F.
10.4 Conditions to Avoid	See above statements
10.5 Hazardous Polymerization	May occur [] Will not occur [X]

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Acute Toxicology Data for Product

	Species	Test Results	Type of Test
Eye Irritation	Rabbit	Mild	
Skin Irritation	Rabbit	Mild	
Oral LD50	Rat	> 2,000 mg/kg	
Inhalation LC50	Rat	36 mg/L	4 hr Vapor/Aerosol
Mutagenicity	In vitro	Negative	Ames
	Tissue Culture	Negative	Mouse Lymphoma
	Rat	Negative	Dominant Lethal

11.2 Special Hazard Information on Components

Reproductive Effects	CAS Number	Wt%	Component Name	Evidence of reproductive effects in laboratory animals
	556-67-2	>60.0	Octamethylcyclotetrasiloxane	

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Environmental Fate and Distribution

Air:	Low molecular weight volatile siloxanes in air are degraded by reaction with hydroxyl radicals, which is the dominant degradation process for most chemicals in the atmosphere.
Water:	Low molecular weight volatile siloxanes have very low water solubility and evaporate to air.
Soil:	Low molecular weight volatile siloxanes in soil are removed by several simultaneously occurring processes including volatilization, hydrolysis, and clay-catalyzed degradation.

12.2 Environmental Effects

Toxicity to water organisms:	This product is volatile and has a very short half life in the aquatic environment and therefore does not present a risk to aquatic organisms.
Toxicity to Soil Organisms:	to its volatility, this product is unlikely to be found in the terrestrial compartment.
Bioaccumulation:	Low molecular weight volatile siloxanes bioconcentrate in fish exposed under controlled laboratory conditions that are not representative of conditions found in the environment.



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12.3 Fate and Effects in Waste Water Treatment Plants

This product or similar products has been shown to be non-toxic to sewage sludge bacteria.

12.4 Ecotoxicity Classification Criteria

Hazard Parameters (lc50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <=2000	>2000

Note

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993. This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall safety of this material.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

All Local, State and Federal Regulations concerning health and pollution should be reviewed to determine approved disposal procedures.

SECTION 14 – TRANSPORTATION INFORMATION

14.1 Shipping Description

Proper Shipping Name:	Combustible Liquid, N.O.S.
Hazard Technical Name:	Cyclosiloxane
Hazard Class:	Combustible Liquid
UN/NA Number:	NA1993
Packing Group:	III

EPA SARA Title III Chemical Listings:	None
Section 302 Extremely Hazardous Substances:	None
Section 304 CERCLA Hazardous Substances:	None
Section 312 Hazard Class: Acute: NO Chronic: NO	Fire: NO Pressure: NO Reactive: NO
NO	

Supplemental State Compliance Information

NEW JERSEY:

CAS Number:	Ingredient	Wt.%_
556-67-2	Octamethylcyclotetrasiloxane	>90
541-02-6	Decamethylcyclopentasiloxane	<5

PENNSYLVANIA:

CAS Number:	Ingredient	Wt.%_
556-67-2	Octamethylcyclotetrasiloxane	>90
541-02-6	Decamethylcyclopentasiloxane	<5



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California Prop. 65: Section 313 Toxic Chemicals:	None None present or none present in regulated quantities.
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SECTION 15 – REGULATORY INFORMATION

15.1 Section 304 CERCLA Hazardous Substances (40 CFR 302)

None

15.2 Section 311/312 Hazard Class (40 CFR 370)

Acute:	No
Chronic:	Yes
Fire:	Yes
Pressure:	No
Reactive:	No

15.3 Section 313 Toxic Chemicals (40 CFR 372)

None present or none present in regulated quantities.

15.4 Supplemental State Compliance Information
California

Warning: This product contains the following chemical (s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (proposition 65) as being known to cause cancer, birth defects or other reproductive harm : None known

Massachusetts

No ingredient regulated by MA Right-to-Know Law present.

New Jersey

CAS Number
556-67-2

Wt %
>60.0

Component Name
Octamethylcyclotetrasiloxane

Pennsylvania

CAS Number
556-67-2

Wt %
>60.0

Component Name
Octamethylcyclotetrasiloxane

SECTION 16 – OTHER INFORMATION

Disclaimer: As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with applicable federal, state and local regulations remains the responsibility of the user.