



**SAFTY DATA SHEET**  
According to Regulation (EC) No 1907/2006 (REACH)

Revision Date: May 19, 2017

Version No.: 5

Section 1 – Identification of the Substance / mixture and of the company / undertaking

- 1.1 Product Identifier**  
Product Name **JEESILC CPS-312**
- 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](mailto:info@jeen.com)  
Website: [www.jeen.com](http://www.jeen.com)
- 1.4 Emergency telephone number** +1703-527-3887(Chemtrec Int'l Tel - Collect calls accepted)

Section 2 – Hazardous Ingredients

- 2.1 Classification of the Substance or Mixture** according to Regulation (EC) 1272/2008 (Personal Safety)  
Flammable Liquids Category 4
- 2.2 GHS Label Elements** according to Regulation (EC) EU 1272/2008  
Signal words Warning  
Hazard statements H227: Combustible Liquid  
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P280: Wear protective gloves/protective clothing/eye protection/face protection. In case of fire: Use CO2, dry chemical, or foam for extinction.  
P403+235: Store in a well ventilated place. Keep cool  
P501: Dispose of contents/container to an approved waste disposal plant
- 2.3 Other Hazards** None known

Section 3 – Composition/Information on Ingredients

- 3.1 Substances** -
- 3.2 Mixture**
- |                           |                      |                   |                  |
|---------------------------|----------------------|-------------------|------------------|
| Chemical characterization | Cosmetic ingredients |                   |                  |
| INCI                      | Cyclopentasiloxane   | Cyclohexasiloxane | Cyclotrisiloxane |
| CAS                       | 541-02-6 / 69430-24  | 540-97-6          | 541-05-9         |
| EC                        | 208-764-9            | 208-762-8         | 208-765-4        |
| Concentration             | >60                  | 30-60             | <0.1             |



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**Section 4 – First Aid Measures**

**4.1 Description of First Aid Measures**

General advice

Call 911 or emergency medical service. Remove and isolate contaminated clothing and shoes. If symptoms persist, call a physician.

Eye Contact

In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact

Wash skin with soap and water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Inhalation

Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Administer oxygen if breathing is difficult. Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.

Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Use personal protective equipment as required.

**Section 5 – Fire Fighting Measures**

**5.1 Suitable Extinguishing Media**

Dry chemical, CO<sub>2</sub>, water spray or regular foam. Water spray, fog or regular foam. Use water spray or fog; do not use straight streams. Move containers from fire area if you can do it without risk. Use. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray (fog). Alcohol resistant foam.

**5.2 Unsuitable Extinguishing Media**

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

**5.3 Specific Extinguishing Methods**

Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Those substances designated with a "P" may polymerize explosively when heated or involved in a fire. Runoff to sewer may create fire or explosion hazard. Substance may be transported hot. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Hazardous combustion products

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>).

**5.4 Protective Equipment and Precautions for**

JEESILC CPS-312



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**Fire Fighters**

Do not allow run-off from fire-fighting to enter drains or water courses.

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**Section 6 – Accidental Release Measures**

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**6.1 Personal Precautions**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Use personal protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges. Special danger of slipping by leaking/spilling product. Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapor/spray.

Other Information

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

**6.2 Environmental Precautions**

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information

**6.3 Methods and Material for Containment and Cleaning Up**

Methods for Containment

A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up

Use clean non-sparking tools to collect absorbed material. Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

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**Section 7 – Handling and Storage**

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**7.1 Precautions for Safe Handling**

Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use personal protective equipment as required. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Ensure adequate ventilation, especially in confined areas. Do not breathe gas/fumes/vapor/spray. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**7.2 Condition for Safe Storage, including any Incompatibilities**

Storage Conditions

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly



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Incompatible Products

closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.  
Incompatible with oxidizing agents. Acids. Bases.

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**Section 8 – Exposure Controls / Personal Protection**

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**8.1 Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials  
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**8.2 Engineering Controls**

Showers, eyewash station, ventilation systems.

**8.3 Personal Protective Equipment for Handling**

Eye/face Protection  
Skin and Body Protection  
Respiratory protection  
General hygiene considerations

Tight sealing safety goggles.  
Wear protective gloves and protective clothing.  
Not applicable  
When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

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**Section 9 – Physical and Chemical Properties**

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**9.1 Information on Physical and Chemical Properties**

Physical Form:	Liquid
Color:	Colorless
Odor:	Characteristic
Freezing/Melting Point:	No information available
Boiling Point:	>150 °C / 302 °F
Vapor Pressure @ 50°C:	< 1000.0 hPa
Vapor Density:	Not determined
Specific Gravity	approx. 0.960 g/cm <sup>3</sup>
Solubility in water:	No information available
pH:	No information available
Volatile Content:	Not determined
Flash Point:	approx. 80 °C / 176 °F
Auto ignition Temperature	No information available
Flammability Limits in Air	No information available
Explosive properties	No information available
Oxidizing properties	No information available

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**Section 10 – Stability and Reactivity**

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**10.1 Chemical Stability**

Stable under recommended storage conditions.

**10.2 Incompatible Materials**

Incompatible with oxidizing agents. Acids. Bases.

**10.3 Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>).



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- |             |   |                               |
|-------------|---|-------------------------------|
| <b>10.4</b> | <b>Conditions to Avoid</b>                | Heat, flames and sparks.      |
| <b>10.5</b> | <b>Possibility of Hazardous Reactions</b> | None under normal processing. |

**Section 11 - Toxicological Information**

- |             |  |   |
|-------------|--|---|
| <b>11.1</b> | <b>Acute Toxicity</b>  | Product does not present an acute toxicity hazard based on known or supplied information. |
|             | Inhalation   | No data available.  |
|             | Eye Contact  | No data available.  |
|             | Skin contact   | No data available.  |
|             | Ingestion  | No data available.  |
|             | Delayed and immediate effects as well as chronic effects from short and long-term exposure |   |
|             | Sensitization  | No information available.   |
|             | Germ Cell Mutagenicity   | No information available  |
|             | Carcinogenicity  | No information available.   |
|             | Reproductive Toxicity  | No information available.   |
|             | STOT - single exposure   | No information available.   |
|             | STOT - repeated exposure   | No information available.   |
|             | Aspiration Hazard  | No information available.   |

**Section 12 - Ecological Information**

- |             |   |   |
|-------------|---|---|
| <b>12.1</b> | <b>Ecotoxicity</b>                                      | 0% of the mixture consists of components(s) of unknown hazards to the aquatic environment |
| <b>12.2</b> | <b>Acute (short-term) algae toxicity</b>                |   |
|             | C50   | No information available  |
|             | EC0   | No information available  |
|             | IC50  | No information available  |
|             | IC0   | No information available  |
|             | ErC50   | No information available  |
|             | EbC50   | No information available  |
| <b>12.3</b> | <b>Acute (short-term) fish toxicity</b>                 |   |
|             | LC50  | No information available  |
|             | LC0   | No information available  |
|             | EC50  | No information available  |
|             | EC0   | No information available  |
| <b>12.3</b> | <b>Acute (short-term) aquatic invertebrate toxicity</b> |   |
|             | EC50  | No information available  |
|             | EC0   | No information available  |
| <b>12.4</b> | <b>Chronic (long-term) algae toxicity</b>               |   |
|             | NOEC  | No information available  |
|             | LOEC  | No information available  |



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<b>12.5</b>	<b>Chronic (long-term) fish toxicity</b> NOEC LOEC	No information available No information available
<b>12.6</b>	<b>Chronic (long-term) aquatic invertebrate toxicity</b> NOEC LOEC	No information available No information available
<b>12.7</b>	<b>Persistence and degradability .</b> Biodegradation BOD ThCO2 DOC	No information available No information available No information available No information available
<b>12.8</b>	<b>Mobility in Soil</b>	No information available
<b>12.9</b>	<b>Mobility</b>	No information available

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**Section 13 - Disposal Considerations**

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<b>13.1</b>	<b>Waste Treatment Methods</b> Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>13.2</b>	<b>Contaminated Packaging</b>	Contaminated packages must be completely emptied and can be re-used following proper cleaning. Clean IBCs or drums at approved facility. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

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**Section 14 – Transportation Information**

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<b>14.1</b>	<b>Shipping Description</b>	
	<b>International Regulation</b>	
	<b>UNRTDG</b>	Not regulated as a dangerous good
	<b>IATA-DGR</b>	Not regulated as a dangerous good
	<b>IMDG-Code</b>	Not regulated as a dangerous good
	<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable for product as supplied



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**US Domestic Regulation**

**49 CFR**

UN/ID/NA Number  
 Proper shipping name

**NA 1993**

COMBUSTIBLE LIQUID, N.O.S.  
 (Decamethylcyclopentasiloxane, Dodecamethyl  
 cyclohexisiloxane)

Class  
 Packing group  
 Labels  
 ERG Cofe  
 Marine pollutant  
 Remarks

CBL  
 III  
 None  
 128  
 No  
 Above applies only to containers over 119 gallons or 450 liters.  
 Not regulated if shipping in packages less than or equal to 119  
 gallons (450 liters).

**Section 15 – Regulatory Information**

**15.1 International Inventories**

All of the components in the product are on the following  
 Inventory lists:

TSCA (United States), Europe  
 (EINECS/ELINCS/NLP).

**15.2 US Federal Regulations**

SARA 313

Section 313 of Title III of the Superfund Amendments and  
 Reauthorization Act of 1986 (SARA). This product does not  
 contain and chemicals which are subject to the reporting  
 requirements of the Act and Title 40 of the Code of Federal  
 Regulations, Part 372.

SARA 311/312 Hazard Categories  
 Acute Health Hazard  
 Chronic Health Hazard  
 Fire Hazard  
 Sudden release of pressure hazard  
 Reactive Hazard

Yes  
 No  
 Yes  
 No  
 No

CWA (Clean Water Act)

This product does not contain any substances regulated as  
 pollutants pursuant to the Clean Water Act (40 CFR 122.21  
 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances  
 regulated as hazardous substances under the Comprehensive  
 Environmental Response Compensation and Liability Act  
 (CERCLA) (40 CFR 302) or the Superfund Amendments and  
 Reauthorization Act (SARA) (40 CFR 355). There may be  
 specific reporting requirements at the local, regional, or state  
 level pertaining to releases of this material

**15.3 US State Regulations**

California Proposition 65  
 U.S. State Right-to-Know Regulations  
 U.S. EPA Label information

This product does not contain any Proposition 65 chemicals



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EPA Pesticide registration number

Not applicable

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**Section 16 – Other Information**

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**16.1 NFPA**

Health Hazards 0 flammability 2 Instability 0  
Physical and chemical properties -

**16.2 HMIS**

Health Hazards 0 flammability 2 Physical Hazards 0  
PERSONALPROTECTION X

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.