



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

Revision Date: March 20, 2017

Version No.: 2

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

- 1.1 Product Identifier**
Product Name **JEESILC PDS-5**
- 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
None
- 2.2 Label Elements** according to Regulation (EC) EU 1272/2008
Hazard pictogram **None**
Signal words **None**
Hazard statements **None**
Precautionary statements **None**
- 2.3 Other Hazards** **None known**

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances**
Chemical characterization **Cosmetic ingredients**
INCI **Dimethicone**
CAS **63148-62-9**
EC **Polymer exempt**
Concentration **100%**
- 3.2 Mixture** **-**

SECTION 4 – FIRST AID MEASURES

- 4.1 Description of First Aid Measures**



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Eye:	If irritation occurs, flush eye(s) with lukewarm gently flowing water for 5 minutes. Obtain medical attention.
Skin:	No health effect expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.
Inhalation:	If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.
Oral:	If irritation or discomfort occurs, obtain medical advice.
Notes to Physician:	Treat according to person's condition and specifics of exposure.

4.2 Indication of any immediate Medical Attention and special Treatment needed

No information available.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Flash Point	>214°F / > 101.1°C (Closed Cup)
5.2 Flammable Limits in Air	Not determined
5.3 Auto ignition Temperature	>752°F / > 400°C
5.4 Extinguishing Media	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
5.5 Fire Fighting Measures	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
5.6 Unusual Fire Hazards	None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Methods and Material for Containment and Cleaning Up	Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Section 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If dikes material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials even in small quantities may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose
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of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Section 13 and 15 of this SDS provide information regarding certain federal and state requirements.

SECTION 7 – HANDLING AND STORAGE

- | | | |
|------------|--|--|
| 7.1 | Precautions for Safe Handling | Use with adequate ventilation. Avoid eye contact. |
| 7.2 | Conditions for Safe Storage including any incompatibilities | Use reasonable care and store away from oxidizing materials. |

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- | | | |
|------------|---|--|
| 8.1 | Component Exposure Limits | There are no components with workplace exposure limits. |
| 8.2 | Engineering Controls
Local ventilation:
General Ventilation: | None should be needed
Recommended. |
| 8.3 | Personal Protective Equipment for Routing Handling
Eyes:
Skin:
Suitable Gloves:

Inhalation:
Suitable Respirator: | Use proper protection – safety glasses as a minimum
Washing at mealtime and end of shift is adequate.
Handle in accordance with good industrial hygiene and safety practices.
No respiratory protection should be needed.
None should be needed. |
| 8.4 | Personal Protective Equipment for Spills
Eyes:
Skin:
Inhalation / Suitable Respirator:
Precautionary Measures:
Comments:

Note: | Use proper protection – safety glasses as a minimum.
Washing at mealtime and end of shift is adequate.
No respiratory protection should be needed.
Avoid eye contact. Use reasonable care.
When heated to temperature above 150°C (300 F) in the presence of air, product can form formaldehyde vapors. Physical and health hazards information is readily available from Jeen International per this Material Safety Data Sheet.

These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require added precautions. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES



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9.1 Information on basic Physical and Chemical Properties

Vapor Pressure @ 25°C:	Not determined
Vapor Density:	Not determined
Solubility in Water:	Not determined
pH:	Not determined
Volatile Content:	Not determined
Flash Point:	> 214°F / > 101.1°C (Closed Cup)
Auto ignition Temp:	>752°F / > 400°C
Flammability Limits in Air:	Not determined

SECTION 10 – STABILITY AND REACTIVITY

10.1 Stability	Stable
10.2 Incompatible Materials	Strong oxidizing material can cause a reaction
10.3 Conditions to Avoid	None
10.4 Hazardous Polymerization	Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Toxicological Information

On contact with eyes:	May cause temporary discomfort.
On skin contact:	No adverse effects are normally expected.
If inhaled:	No adverse effects are normally expected.
On ingestion:	No adverse effects are normally expected.
Other Health Hazard:	Product may emit formaldehyde vapor at temperatures above 150°C in the presences of air.
Further Information	Formaldehyde vapor is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.
Note	1. Based on product test data. 2. Based on test data from similar products.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Environmental Fate and Distribution

Air:	This product is a high molecular weight liquid polymer which has a very low vapor pressure. As a result it is unlikely to become an atmospheric contaminant unless generated as an aerosol.
Water:	This product has a very low water solubility (< 100 ppb). As it has a specific gravity of < 1, if discharged to water, it will initially form a surface film. As the product is nonvolatile and has a high binding to sewage sludge. If the sewage sludge is subsequently spread on soil, the silicone product is expected to degrade.



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Soil:

If discharged to surface water, this product will bind to sediment. If discharged in effluent to a waste water treatment plant, the product is removed from the aqueous phase by binding to sewage sludge. If the sewage sludge is subsequently spread on soil, the silicone product is expected to degrade.

Degradation:

This product, polydimethylsiloxane, degrades in soil abiotically to form smaller molecules. These in turn are either biodegraded in soil or volatilized into the air where they are broken down in the presence of sunlight. Under appropriate conditions, the ultimate degradation products are inorganic silica, carbon dioxide and water vapor. Due to the very low water solubility of this product, standard OECD protocols for ready and inherent biodegradability are not suitable for measuring the biodegradability of this product. The product is removed > 80% during the sewage treatment process.

12.2 Environmental Effects

Toxicity to Water Organisms:

Based on analogy to similar materials this product is expected to exhibit low toxicity to aquatic organisms.

Toxicity to Soil Organisms:

Experiments show that when sewage sludge containing polydimethylsiloxane is added to soil it had no effect on soil micro-organisms, earthworms or subsequent crops grown in the soil.

Bioaccumulation:

This product is a liquid and is a high molecular weight polymer. Due to its physical size it is unable to pass through or be absorbed by biological membranes. This has been confirmed by testing or analogy with similar products.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Product disposal:

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste Codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Packaging Disposal:

Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14 – TRANSPORTATION INFORMATION

14.1 Shipping Description

Proper Shipping Name:

None

Hazard Technical Name:

NA

Hazard Class:

NA



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

14.2 Supplemental State Compliance Information

NEW JERSEY:

CAS Number:
63148-62-9

Ingredients:
Polydimethylsiloxane

PENNSYLVANIA:

CAS Number:
63148-62-9

Ingredients:
Polydimethylsiloxane

California Prop. 65:

Section 313 Toxic Chemicals:

None
None present or none present in regulated quantities.

SECTION 15 – REGULATORY INFORMATION

15.1 Labeling according to EEC Directive

No special packaging or labeling requirements.

15.2 National Legislation/ Regulations

Ozone depleting Chemicals:

No ozone depleting chemicals are present or used in manufacture.

15.3 Status

AICS:
DSL:
IECSC:
EINECS:
MITI:
KECL:
PICCS:
TSCA:

All Ingredients listed, exempt or notified.
All ingredients listed or exempt.
All ingredients listed or exempt.
All ingredients listed, exempt or notified (ELINCS).
All ingredients listed, exempt or notified.
All ingredients listed, exempt or notified.
All ingredients listed, exempt or notified.
All Chemical Substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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.