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

- | | | |
|------------|---|--|
| 1.1 | Product Identifier
Product Name | JEESILC PS-VHLV |
| 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 | Flammable Liq. 3 |
| 2.2 | Label Elements according to Regulation (EC) EU 1272/2008
Hazard pictogram | GHS02
 |
| | Signal words | Warning |
| | Hazard statements | H226: Flammable liquid and vapour. |
| | Precautionary statements | P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233: Keep container tightly closed
P240: Ground/bond container and receiving equipment
P280: Wear protective gloves/protective clothing/eye protection/face protection
P262: Do not get in eyes, on skin, or on clothing
P305 + P351: IF IN EYES: Rinse with water for several minutes. Repeat if needed.
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+235: Store in a well ventilated place. Keep cool.
P501: Dispose of contents/container in accordance with local / regional / national / international regulations. |



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2.3 Other Hazards None known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances -

3.2 Mixture

Chemical characterization	Cosmetic ingredients	
INCI	Bis-vinyl Dimethicone/Dimethicone Copolymer	Isododecane
CAS	156065-02-0	13475-82-6
EC	Exempt	236-757-0
Concentration	45-56%	44-54%

Hazardous Ingredients

Pentamethylheptane

Classification acc. to Regulation (EC) No 1272/2008

Flammable Liquids 3

H226

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

Eyes:	Immediately flush with water.
Skin:	Wash off with soap and water.
Inhalation:	No first aid should be needed. If discomfort occurs, remove to fresh air.
Ingestion:	Obtain medical attention.

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 Extinguishing Media Carbon dioxide, dry powder, foam, or water spray. Water can be used to cool fire exposed containers.

5.2 Unsuitable Extinguishing Media None known

5.3 Specific Hazards Arising from the Chemical Silicon Dioxide. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

5.4 Special Protective Actions for Fire-Fighters Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Use water spray to cool fire exposed containers.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, Protective Equipment and Emergency Procedures Avoid eye and skin contact. Use personal protective equipment.



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6.2 Environmental Precautions	Prevent from entering drains or water sources.
6.3 Methods and Material for Containment and Cleaning Up	Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills, provide diking or other appropriate container. Clean areas as appropriate since some silicone material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents or detergents. Observe all personal protection equipment recommendations observed in this MSDS. Observe all federal, provincial and local regulations that may apply to the clean-up of this material.
6.4 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	Wear safety glasses and PVC gloves when handling.
7.2 Condition for Safe Storage, including any Incompatibilities	Keep container tightly closed and away from heat, sparks, and flame. Ground all equipment. Static electricity will accumulate and may ignite vapours.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls	Local exhaust recommended. General ventilation recommended.
8.2 Personal Protective Equipment	
Respiratory protection:	In the case of vapour formation use a respirator with an approved filter.
Hand protection:	Chemical protective gloves should be worn for repeated or prolonged contact.
Eye protection:	Safety glasses should be worn.
Skin protection:	Protective equipment is not normally required.
Hygiene measures:	Observe good industrial hygiene practices. Wash after handling.
Note:	These precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require added precautions.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties	
Appearance:	Thick Gel
Viscosity @25°C:	9,000 – 11,000 cps
Colour:	Colourless
Melting/Freezing Point:	Not determined
Odour:	Characteristic



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Initial Boiling Point:	>100oC @ 760 mmHg
Odour Threshold:	Not determined
Boiling Range:	Not determined
Flash Point:	43°C (Pensky-Martens closed cup)
Explosive Properties:	No
Flammability:	Not determined
Vapour Pressure @25°C:	Not determined
Flammability Limits:	Not determined
Vapour Density:	Not determined
Auto-ignition Temperature:	Not determined
Partition Coefficient:	Not determined
Decomposition Temperature:	Not determined
pH:	Not determined
Specific Gravity @25°C:	0.87
Oxidising Properties:	No
Solubility in Water:	Insoluble

SECTION 10 – STABILITY AND REACTIVITY

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

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Likely Routes of Exposure	
Respiratory:	Exposure is expected.
Oral:	Exposure is expected.
Eye, Skin:	Exposure is expected.
11.2 Information on Health Hazards	
Acute Toxicity:	None known.
Eyes:	Direct contact may cause temporary redness and discomfort.
Skin:	No significant irritation expected from a single short-term exposure.
Inhalation:	No significant irritation expected from a single short-term exposure.
Ingestion:	Low ingestion hazard in normal use.
Chronic Toxicity:	
Skin:	No known applicable information.
Inhalation:	No known applicable information.
Ingestion:	Repeated ingestion or swallowing large amounts may injure internally.
Other Health Hazard:	No known applicable information.
Skin Corrosion/Irritation:	No known applicable information.
Serious Eye Damage/Irritation:	No known applicable information.



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Respiratory Sensitization:	No known applicable information.
Skin Sensitization:	No known applicable information.
Carcinogenicity:	No known applicable information.
Germ Cell Mutagenicity:	No known applicable information.
Reproductive Toxicity:	No known applicable information.
Specific Target Organ: (Systemic Toxicity – Single exposure)	No known applicable information.
Specific Target Organ: (Systemic Toxicity – Repeated exposure)	No known applicable information.
Aspiration Hazard:	No known applicable information.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Environmental Effects	
Acute:	No adverse effects on aquatic organisms.
Chronic:	No adverse effects on aquatic organisms.
12.2 Degradation	In soil, siloxanes are degraded. The organic solvent is biodegradable.
12.3 Environmental Fate and Distribution	Siloxanes are removed from water by sedimentation sewage or binding to sludge. Organic solvents may evaporate into atmosphere and degrade.
12.4 Bioaccumulation	No bioaccumulation potential.
12.5 Mobility in Soil	None known.
12.6 Other Adverse Effects	None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods	Do not dispose of waste into sewer. Dispose of in accordance with local regulations.
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SECTION 14 – TRANSPORTATION INFORMATION

14.1 Shipping Description	UN2286, Pentamethylheptane Class 3, PGIII
AIR TRANSPORT (IATA):	
UN No.:	2286
Proper Shipping Name:	Pentamethylheptane Solution
Class:	3
Packing group:	III
Labels:	Flammable Liquid
SEA TRANSPORT (IMDG):	
UN No.:	2286
Proper Shipping Name:	PENTAMETHYLHEPTANE SOLUTION



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Class: 3
Packing group: III
Emergency Schedule: F-E
(EmS): S-D
Labels: Flammable liquid

ROAD / RAIL (US DOT/CANADA TDG/ADR/RID):
UN No.: 2286
Proper Shipping Name: Pentamethylheptane Solution
Class: 3
Packing group: III
Labels: 3

SECTION 15 – REGULATORY INFORMATION

15.1 Chemical Inventories

TSCA: (USA)

All ingredients are on or exempted (personal care) from the inventory.

DSL: (Canada)

All ingredients are on the inventory.

EINECS: (EU)

All ingredients are on or exempted (polymer) from the inventory.

IECSC: (China)

All ingredients are on the inventory.

KECL: (Korea)

All ingredients are on the inventory.

CSNN: (Taiwan)

All ingredients are on the inventory.

CANADA

This product has been classified in accordance with the hazard criteria of the CPR, and this MSDS contains all the information required by the CPR. WHMIS Classification: CLASS B - Division 3 | CLASS D - Division 2B

USA

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances (40 CFR 355):

Section 304 CERCLA Hazardous Substances (40 CFR 302):

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

None

None

Acute: Yes; Chronic: No; Fire: Yes; Pressure: No;

Reactive: No

None

Section 313 Toxic Chemicals (40 CFR 372):

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.

H:1 F:2 R:0

HMIS:

Massachusetts / New Jersey / Pennsylvania

No ingredients regulated by MA/NJ/PA Right-to-know Laws present.



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EEC

Labelling according to EEC Directive

S-phrases:

S16 (Keep away from sources of ignition – no smoking) /
S62 (If swallowed, do not induce vomiting; seek medical
advice immediately and show this container or label) / S51
(Use only in well-ventilated areas)

R-phrases:

R10 (FLAMMABLE) / R65 (HARMFUL: MAY CAUSE
LUNG DAMAGE IF SWALLOWED)

GERMANY

Wassergefährdungsklasse (water hazard class) : WGK 1

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.