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


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

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**SECTION 2 – HAZARDS INGREDIENTS**

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<b>2.1</b>	<b>Classification of the Substance or Mixture</b> according to Regulation (EC) 1272/2008	Skin Irritant Eye Irritant
<b>2.2</b>	<b>Label Elements</b> according to Regulation (EC) EU 1272/2008 Hazard pictogram	GHS07 
	Signal words Hazard statements  Precautionary Statements	Warning H315: Causes skin irritation H319: Causes serious eye irritation P262: Do not get in eyes, on skin, or on clothing
<b>2.3</b>	<b>Other Hazards</b>	None known

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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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<b>3.1</b>	<b>Substances</b> Chemical characterization INCI CAS EC Concentration	Cosmetic ingredients Phenyl Trimethicone 2116-84-9 218-320-6 100
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**3.2 Mixture** -

<b>Hazardous Ingredients</b>	<b>Classification</b> acc. to Regulation (EC) No 1272/2008
Phenyl Trimethicone	Skin Irrit. 2                      H315 Eye Irrit. 2                         H319

**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 immediate medical attention.
Oral:	No first aid should be needed.
Notes to physician:	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**

<b>5.1 Flash Point: PMCC</b>	>200°F
<b>5.2 Flammable Limits in Air, % by Volume</b>	Unknown
Lower	Undetermined
Upper	Undetermined
<b>5.3 Extinguishing Media</b>	Use Carbon Dioxide or Dry chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires.
<b>5.4 Special Fire Fighting Procedures</b>	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
<b>5.5 Unusual Fire and Explosion Hazards</b>	Static electricity is not expected to build up, and product is not sensitive to static.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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



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**6.4 Reference to other Sections**

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

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**SECTION 7 – HANDLING AND STORAGE**

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**7.1 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 Condition for Safe Handling and Storage**

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

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**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**8.1. Component Exposure Limits**

There are no components with workplace exposure limits.

**8.2 Engineering Controls**

Local Ventilation:  
General Ventilation:

Recommended.  
Recommended.

**8.3 Personal Protective Equipment for Routine Handling**

Eyes:  
Skin:  
Suitable Gloves:

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.  
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 (29CFR 1910.134) and use NIOSH/MSHA approved respirators.

Inhalation:

Suitable Respirator:

**8.4 Personal Protective Equipment for Spills**

Eyes:  
Skin:  
Inhalation/Suitable Respirator:

Use full face respirator.  
Washing at mealtime and end of shift is adequate.  
Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided



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Precautionary Measures:

Comments:

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.

Avoid eye contact. Do not breathe mist. Keep container closed. Use reasonable care.

Traces of benzene (carcinogen) may form if heated in air above 300 F (149 C). Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Review the OSHA benzene regulation for detailed information on safe handling requirements.

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1 Information on basic Physical and Chemical Properties**

Boiling Point, °F:	>200
Solubility in Water (%):	Insoluble
Specific Gravity @ 25°C:	0.98
Vapor Pressure, mm Hg 25 °C:	<1
Vapor Density, (Air=1):	Negl.
Volatile, % by Weight:	ND
Appearance @ 25°C:	Liquid
Odor:	Very little odor
Flash Point, PMCC, °F:	>213

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**SECTION 10 – STABILITY AND REACTIVITY**

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<b>10.1 Chemical Stability</b>	Stable
<b>10.2 Incompatible Materials</b>	Strong oxidizing material can cause a reaction
<b>10.3 Hazardous Polymerization</b>	Will not occur
<b>10.4 Conditions to Avoid</b>	See above statements

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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<b>11.1 Acute Toxicology Data for Product</b>	Species Test Results Type of Test Dermal LD50: Rabbit > 2,000 mg/kg Inhalation LC50: Rat 0.467 mg/L 4hr dust/mist
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**11.2 Component Toxicology Information**

A test substance (Phenyl,Silsesquioxanes) was aerosolized and administered for 4 hours by whole body inhalation to 2 groups of five male and five female Sprague-Dawley rats at gravimetrically determined exposure levels of 5.33 mg/L (MMAD 2.1 mm) and 0.47 mg/L (MMAD 1.9 mm). Dosing was followed by a 14-day observation period and gross necropsy after sacrifice of surviving animals. The respiratory tracts were preserved and evaluated microscopically for animals exposed at a measured concentration of approximately 0.5 mg/L. All animals exposed to the gravimetric concentration of 5.33 mg/L died. Five animals (1 male/4 females) exposed to the gravimetric concentration of 0.47 mg/L died within the first day of the observation period. No other animals in this group died during the observation period. Clinical signs noted in the animals surviving the 0.47 mg/L exposure include lacrimation, nasal discharge (clear or red), excessive salivation, labored breathing, moistrales, decreased activity, and irregular gait. Macroscopic findings seen during necropsy of the the 5.33 mg/L exposure group included redness and red fluid in all lobes of the lungs. Clinical signs noted in a majority of the animals immediately following the 0.47 mg/L exposure included labored breathing and/or moist rales. In the surviving animals, labored breathing and rales were no longer apparent five days after the acute exposure. In addition, all animals gained weight following the exposure. At necropsy of the 0.47 mg/L exposure group, macroscopic findings observed included redness in all lobes of the lungs, fluid in the lungs, clear fluid in the thoracic cavity and red frothy fluid in the trachea. Microscopic findings considered to be test-substance related were present only in the lungs of the rats found dead on the day after exposure. The findings were edema and inflammation characterized by perivascular, interstitial and alveolar neutrophilic infiltrates; the severity of both findings was slight to moderate. Aspiration or inhalation of oily or fatty-type materials, such as the test substance, into the alveolar region of the lung can cause chemical pneumonitis.

**11.3 Special Hazard Information on Components**

No known applicable information.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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**12.1 Ecotoxicity Classification Criteria**

Hazard Parameters (LC50 or EC50) High Medium Low  
Acute Aquatic Toxicity (mg/L)  $\leq 1$   $>1$  and  $\leq 100$   $>100$   
Acute Terrestrial Toxicity  $\leq 100$   $>100$  and  $\leq 2000$   $>2000$   
This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993. This table



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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 ecological safety of this material.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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**13.1 Waste Treatment Methods**

RCRA Hazard Class (40 CFR 261). When a decision is made to discard this material, as received, is it classified as a hazardous waste? No. State or local laws may impose additional regulatory requirements regarding disposal. Call (989) 496-6315, if additional information is required.

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**SECTION 14 – TRANSPORTATION INFORMATION**

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

**Supplemental State Compliance Information**

**NEW JERSEY:**

CAS Number	Ingredient
73559-47-4	100% Trimethyl phenyl silsesquioxane

**PENNSYLVANIA:**

CAS Number	Ingredient
73559-47-4	100% Trimethyl phenyl silsesquioxane

**California Prop. 65:**

Section 313 Toxic Chemicals:	None
	None present or none present in regulated quantities.

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**SECTION 15 – REGULATORY INFORMATION**

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Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**TSCA Status:**

All chemical substances in this material are included on or exempted from listing on the TSCA

**Inventory of Chemical Substances.**

CAS# 73559-47-4 is the same as CAS# 71031-69-0 for the purposes of TSCA.

**EPA SARA Title III Chemical Listings**

Section 302 Extremely Hazardous Substances (40 CFR 355):	None.
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Section 304 CERCLA Hazardous Substances (40 CFR 302):	None.
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Section 311/312 Hazard Class (40 CFR 370):	
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Acute: Yes
Chronic: No



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Fire: No  
Pressure: No  
Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):  
Note:

None present or none present in regulated quantities.  
Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

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	%	Component Name
73559-47-4	> 60.0	Trimethyl phenyl silsesquioxane

Pennsylvania

CAS Number	Wt %	Component Name
73559-47-4	> 60.0	Trimethyl phenyl silsesquioxane

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**SECTION 16 – OTHER INFORMATION**

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**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.