



# SAFETY DATA SHEET

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** Biosilk Silk Therapy Thermal Protective Mist

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Cosmetics - Bulk. Personal care.

**Uses advised against** All other uses

### Details of the supplier of the safety data sheet

**Manufacturer Address** Farouk Systems Inc. **E-mail address** ehscompliance@farouk.com

250 Pennbriht Drive

Houston, Texas 77090

Company Phone Number 1-800-237-9175

### Emergency telephone number

**Emergency Telephone** ChemTel Inc. (800)255-3924 (North America) +1(813)248-0585 (International)

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

While this product is not considered hazardous by the OSHA Hazard Communication Standard, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

### Label elements

#### **Emergency Overview**

|                                    |                              |                      |
|------------------------------------|------------------------------|----------------------|
| <b>Appearance</b> aqueous solution | <b>Physical state</b> liquid | <b>Odor</b> Pleasant |
|------------------------------------|------------------------------|----------------------|

### Hazards not otherwise classified (HNOC)

### Other Information

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Composition: Aqua/Water/Eau, Alcohol Denat., Sodium Polystyrene Sulfonate, Propylene Glycol, Polysorbate 20,

Hydrolyzed Silk, Phenoxyethanol, Methylisothiazolinone, Disodium EDTA, Hydrolyzed Wheat Protein  
PG-Propyl Silanetriol, PPG-20 Methyl Glucose Ether, Citric Acid, Fragrance (Parfum), Benzyl  
Benzoate, Hexyl Cinnamal, Linalool, Alpha-Isomethyl Ionone, Citronellol

| Chemical Name    | CAS No. | Weight-% | Trade Secret |
|------------------|---------|----------|--------------|
| Alcohol          | 64-17-5 | 1-10     | *            |
| Propylene Glycol | 57-55-6 | <5       | *            |

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### First aid measures

|                       |   |
|-----------------------|---|
| <b>General advice</b> | No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.                                      |
| <b>Eye contact</b>    | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention. |
| <b>Skin Contact</b>   | If skin problems occur, discontinue use. If symptoms persist, seek medical attention.   |
| <b>Inhalation</b>     | Not an expected route of exposure.  |
| <b>Ingestion</b>      | In case of accidental ingestion, Wash out mouth with water. DO NOT INDUCE VOMITING. Seek immediate medical attention.   |

##### Most important symptoms and effects, both acute and delayed

##### Symptoms

##### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Dry chemical, CO2, water spray or alcohol-resistant foam.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

##### Specific hazards arising from the chemical

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Flash point** Not Applicable > 140

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with eyes.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

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

| Chemical Name      | ACGIH TLV      | OSHA PEL   | NIOSH IDLH   |
|--------------------|----------------|--|--|
| Alcohol<br>64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup> | IDLH: 3300 ppm<br>TWA: 1000 ppm<br>TWA: 1900 mg/m <sup>3</sup> |

**Appropriate engineering controls**

**Engineering Controls** None under normal use conditions.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special technical protective measures are necessary.

**Skin and body protection** No special technical protective measures are necessary.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** None under normal use conditions.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                  |                       |          |
|-----------------------|------------------|-----------------------|----------|
| <b>Physical state</b> | liquid           | <b>Odor</b>           | Pleasant |
| <b>Appearance</b>     | aqueous solution | <b>Odor threshold</b> |          |
| <b>Color</b>          | yellow           |                       |          |

| <u>Property</u>                      | <u>Values</u>    | <u>Remarks • Method</u> |
|--------------------------------------|------------------|-------------------------|
| <b>pH</b>                            | 2.5-2.9          |                         |
| <b>Melting point/freezing point</b>  | Not Applicable   |                         |
| <b>Boiling point / boiling range</b> | > °F             |                         |
| <b>Flash point</b>                   | Not Applicable   | > 140                   |
| <b>Evaporation rate</b>              | Not Applicable   |                         |
| <b>Flammability (solid, gas)</b>     | Not Applicable   |                         |
| <b>Flammability Limit in Air</b>     |                  |                         |
| <b>Upper flammability limit</b>      | -                |                         |
| <b>Lower flammability limit</b>      | -                |                         |
| <b>Vapor pressure</b>                | Not Applicable   |                         |
| <b>Vapor density</b>                 | Not Applicable   |                         |
| <b>Relative density</b>              | Not Applicable   |                         |
| <b>Water solubility</b>              | Soluble in water |                         |
| <b>Solubility in other solvents</b>  |                  |                         |
| <b>Partition coefficient</b>         |                  |                         |
| <b>Autoignition temperature</b>      |                  |                         |
| <b>Decomposition temperature</b>     |                  |                         |
| <b>Viscosity</b>                     |                  |                         |
| <b>Dynamic viscosity</b>             | Not Applicable   |                         |
| <b>Explosive properties</b>          |                  |                         |
| <b>Oxidizing properties</b>          |                  |                         |

**Other Information**

|                         |                |
|-------------------------|----------------|
| <b>Molecular weight</b> | Not Applicable |
| <b>VOC Content (%)</b>  | 6              |
| <b>Density</b>          | Not Applicable |

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

|                                 |  |
|---------------------------------|--|
| <b>Hazardous polymerization</b> | Hazardous polymerization does not occur. |
|---------------------------------|--|

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

|                            |                    |
|----------------------------|--------------------|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>Eye contact</b>         | No data available. |
| <b>Skin Contact</b>        | No data available. |
| <b>Ingestion</b>           | No data available. |

| Chemical Name               | Oral LD50            | Dermal LD50              | Inhalation LC50          |
|-----------------------------|----------------------|--------------------------|--------------------------|
| Alcohol<br>64-17-5          | = 7060 mg/kg ( Rat ) | -                        | = 124.7 mg/L ( Rat ) 4 h |
| Propylene Glycol<br>57-55-6 | = 20 g/kg ( Rat )    | = 20800 mg/kg ( Rabbit ) | -                        |

**Information on toxicological effects**

**Symptoms** .

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** .  
**Germ cell mutagenicity** .  
**Carcinogenicity** .

| Chemical Name      | ACGIH | IARC    | NTP   | OSHA |
|--------------------|-------|---------|-------|------|
| Alcohol<br>64-17-5 | A3    | Group 1 | Known | X    |

**Reproductive toxicity** .  
**STOT - single exposure** .  
**STOT - repeated exposure** .  
**Aspiration hazard** .

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

| Chemical Name               | Algae/aquatic plants                                  | Fish   | Crustacea   |
|-----------------------------|---|--|---|
| Alcohol<br>64-17-5          |   | 12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through                         | 2: 48 h Daphnia magna mg/L EC50 Static 9268 - 14221: 48 h Daphnia magna mg/L LC50 10800: 24 h Daphnia magna mg/L EC50 |
| Propylene Glycol<br>57-55-6 | 19000: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 51600: 96 h Oncorhynchus mykiss mg/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static | 1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50   |

**Persistence and degradability**

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**Bioaccumulation**

| Chemical Name      | Partition coefficient |
|--------------------|-----------------------|
| Alcohol<br>64-17-5 | -0.32                 |

**Other adverse effects**

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Dispose of contents/containers in accordance with local regulations.

**Contaminated packaging** Dispose of in accordance with local regulations.

| Chemical Name      | California Hazardous Waste Status |
|--------------------|-----------------------------------|
| Alcohol<br>64-17-5 | Toxic<br>Ignitable                |

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**ICAO (air)** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

**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 any 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               | No |
| Chronic Health Hazard             | No |
| Fire hazard                       | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard                   | 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

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

| Chemical Name     | California Proposition 65   |
|-------------------|-----------------------------|
| Alcohol - 64-17-5 | Carcinogen<br>Developmental |

**U.S. State Right-to-Know Regulations**

| Chemical Name               | New Jersey | Massachusetts | Pennsylvania |
|-----------------------------|------------|---------------|--------------|
| Alcohol<br>64-17-5          | X          | X             | X            |
| Propylene Glycol<br>57-55-6 | X          |               | X            |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

|                    |                  |                |                    |                                    |
|--------------------|------------------|----------------|--------------------|------------------------------------|
| <b><u>NFPA</u></b> | Health hazards 0 | Flammability 0 | Instability 0      | Physical and Chemical Properties - |
| <b><u>HMIS</u></b> | Health hazards 0 | Flammability 0 | Physical hazards 0 | Personal protection X              |

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 Revision Note

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**