



Trade Name: CHI SILK INFUSION

SECTION 1: Identification

Product identifier used on the label:

Product Name: CHI Silk Infusion

Other means of identification:

Product Code Number: 80-5563-D

Recommended use of the chemical and restrictions on use:

Recommended use: Silk infusion for conditioning hair

Recommended restrictions: Uses other than as recommended above.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Company Name: Farouk Systems, Inc.
Company Address: 880 E. Richey Road
Houston TX, 77090 USA
Company Telephone: 281-876-2000
Company Contact Email: Compliance@farouk.com

Emergency phone number: +1(832) 633-7903

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Not classified as Hazardous under HCS 2012

GHS Signal word: Danger

GHS Hazard statement(s): Flammable Liquid & Vapor

GHS Hazard symbol(s):



GHS Precautionary statement(s): Keep away from open flame and other sources of ignition.

Hazard(s) not otherwise classified (HNOC):

Slippery when spilled.

Percentage of ingredient(s) of unknown acute toxicity:

79% of the mixture consists of ingredients of unknown acute toxicity (inhalation).

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SECTION 3: Composition/information on ingredients

Mixture:

Chemical name	CAS#	Concentration (weight %)
C13-14 Isoalkane	64742-47-8	70 – 80%
Isododecane	93685-81-5	10 - 20%

Note: The balance of the ingredients is not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SECTION 4: First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Inhalation: None under normal use. Call a physician if symptoms develop or persist.

Skin contact: None under normal use. Get medical attention if symptoms occur.

Eye contact: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Not an expected route of exposure. If swallowed, clean mouth with water and drink plenty of water.

Most important symptoms/effects, acute and delayed:

May cause eye irritation.

Indication of immediate medical attention and special treatment needed:

If any symptoms are observed, contact a physician and give them this SDS sheet. Provide general supportive measures and treat symptomatically.

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SECTION 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Do not use a water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

When heated to decomposition, the product may emit acrid smoke and irritating fumes. Hazardous combustion products may include the following substances: Carbon monoxide, Carbon dioxide (CO₂).

Special protective equipment and precautions for fire-fighters:

Move containers from the fire area if you can do so without risk.

Wear self-contained breathing apparatus and protective clothing. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Slippery when spilled. Clean up immediately.

None under normal use conditions. Use personal protective equipment as required (refer to Section 8 Exposure controls/ personal protection).

Environmental Precautions:

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways.

Methods and materials for containment and cleaning up:

Large Spills: Stop the flow of material, if safe to do so. Dike the material and soak up with inert absorbent material. Keep in suitable, closed containers for disposal. For waste disposal, see section 13 of the SDS.

Small Spills: Wipe up with absorbent material (e.g., cloth, fleece). Clean surface thoroughly to remove residual contamination.

SECTION 7: Handling and storage

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety practice. Keep containers sealed when not in use.

Conditions for safe storage, including any incompatibles:

Keep containers tightly closed in a dry, cool and well-ventilated place.

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SECTION 8: Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200) (Table Z-1 Limits for Air Contaminants):		
Substance	PEL-TWA (8 hour)	PEL-STEL (15 min)
C13-14 Isoalkane	500 ppm 2900 mg/m ³	No data available
Isododecane	No data available	No data available

US ACGIH Threshold Limit Values		
Substance	TLV-TWA (8 hour)	TLV-STEL (15 min)
C13-14 Isoalkane	100 ppm	No data available
Isododecane	No data available	No data available

Appropriate engineering controls:

None under normal use conditions. In the workplace, provide eyewash station.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Manufacturing site - if contact is likely, safety glasses with side shields are recommended.

Skin and hand protection: No special protective equipment required.

Respiratory protection: No special protective equipment required.

General hygiene considerations: Keep out of eyes. Use general hygiene measures.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.):	
Physical state:	Viscous liquid
Color:	Clear to light hazy
Odor:	Fragrance
Odor threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	100°F PCP
Evaporation rate:	Not determined
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower (%):	Not determined
Flammability limit – upper (%):	Not determined
Explosive limit – lower (%):	Not determined
Explosive limit – upper (%):	Not determined
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative density:	Not determined
Solubility (ies):	Not determined
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	850 cps, #6, 100 RPM, 25°C

SECTION 10: Stability and reactivity

Reactivity:	No hazardous reactions anticipated under normal storage and handling conditions.
Chemical stability:	Stable under normal ambient and anticipated conditions of use
Possibility of hazardous reactions:	None expected
Conditions to avoid:	None under normal processing.
Incompatible materials:	None known.
Hazardous decomposition Products:	None under normal use conditions. Carbon monoxide, Carbon dioxide (CO ₂) may be formed during a fire.

SECTION 11: Toxicological information

Information on likely routes of exposure:

Inhalation: None expected during normal use.

Ingestion: None expected during normal use.

Skin: None expected during normal use.

Eyes: May cause eye irritation.

Symptoms related to the physical, chemical, and toxicological characteristics:

May cause eye irritation.

Delayed and immediate effects and chronic effects from short or long-term exposure:

Other than the symptoms above, no further effects are known.

Numerical measures of toxicity (such as acute toxicity estimates):

Acute Toxicity: Not expected to cause acute toxicity.

Substance	Test Type (species)	Value
C13-14 Isoalkane	LD ₅₀ Oral (Rat)	> 2000 mg/kg
	LD ₅₀ Dermal (Rabbit)	> 2000 mg/kg
	LC ₅₀ Inhalation (Rat)	None known
Isododecane	LD ₅₀ Oral (Rat)	> 2000 mg/kg
	LD ₅₀ Dermal (Rabbit)	> 5000 mg/kg
	LC ₅₀ Inhalation (Rat)	> 16.7 mg/L 4 h

Skin corrosion/irritation: Not expected to cause skin irritation.

Serious eye damage/eye irritation: May cause eye irritation.

Respiratory or skin sensitization: Not expected to cause respiratory or skin sensitization.

Germ cell mutagenicity: Not expected to cause genetic defects.

Carcinogenicity: Not expected to cause carcinogenic defects

Reproductive toxicity: Not expected to damage fertility or the unborn child.

STOT – Single exposure: Not expected to cause specific target organ toxicity after single exposure.

STOT – Repeat exposure: Not expected to cause specific target organ toxicity after prolonged or repeated exposure.

Aspiration hazard: Not expected to be an aspiration hazard.

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SECTION 12: Ecological information

Ecotoxicity (aquatic and terrestrial, where available):

Product data: May cause long lasting harmful effects to aquatic life.

Substance	Test Type	Species	Value
C13-14 Isoalkane	LC ₅₀	Fish - Pimephales promelas	45 mg/L 96h
	EC ₅₀	Invertebrates	None known
	EC ₅₀	Algae	None known
Isododecane	LL ₅₀	Fish - Oncorhynchus mykiss	> 1000mg/l 96h
	LL ₅₀	Invertebrates – Daphnia magna	> 3000 mg/l 48h
	EL ₅₀	Algae – Skeletonema costatum	> 1000mg/l 72h

Persistence and Degradability:

Not determined

Bio accumulative Potential:

Not determined

Mobility in Soil:

Not determined.

Other adverse effects (such as hazardous to the ozone layer):

May cause long lasting harmful effects to aquatic life.

SECTION 13: Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Product

Dispose of waste materials in accordance with applicable local and national laws and regulations.

Contaminated packaging

Since emptied containers retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport Information

US Department of Transportation Classification (49CFR)

Not dangerous for transport

IMDG (Transport by sea)

Not dangerous for transport

IATA (Country variations may apply)

Not dangerous for transport

Environmental hazards

Marine pollutant: No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

Not applicable

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.

None known.

SECTION 15: Regulatory Information

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is NOT classified as hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All of the ingredients are listed on the U.S. EPA TSCA Inventory List.

Emergency Planning and Community Right To-Know Act (EPCRA)

Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None listed

SARA HAZARD DESIGNATION SECTIONS 311/312 (40 CFR 370 (amended 2018)):

None known.

Section 313 Toxic Chemicals (40 CFR 372.65):

None of the components are listed.

STATE REGULATIONS:

This SDS contains specific health and safety data that is applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986): None of the components are listed

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Massachusetts Right to Know: None of the components are listed on the Massachusetts Right to Know list.

New Jersey Right to Know None of the components are listed on the New Jersey Right to Know List.

Pennsylvania Right to Know: None of the components are listed on the Pennsylvania Right to Know List.

SECTION 16: Other Information

Revision Date: September 27, 2023

DISCLAIMER:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 1910.1200. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.