



SAFETY DATA SHEET

Issue Date 23-Mar-2016

Revision Date 03-Oct-2019

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name CHI Infra Shampoo Moisture Therapy Shampoo

Molecular weight Not Applicable

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Consumer use

Uses advised against All other uses

1.3. Details of the supplier of the safety data sheet

Manufacturer

Farouk Systems Inc.
 250 Pennbright Drive
 Houston, Texas 77090
 Company Phone Number 1-800-237-9175

For further information, please contact _____
 ehscompliance@farouk.com

1.4. Emergency telephone number

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

Emergency Telephone - §45 - (EC)1272/2008
Europe 112

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture Regulation (EC) No 1272/2008

Chronic aquatic toxicity	Category 2 - (H411)
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2.2. Label elements Product identifier



Hazard statements
 H411 - Toxic to aquatic life with long lasting effects

2.3. Other hazards

Other hazards Toxic to aquatic life

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Water	Present	7732-18-5	>75	No data available	No data available
Sodium C14-16 Olefin Sulfonate	Present	68439-57-6	10-30	No data available	No data available
Cocamidopropyl Betaine	Present	61789-40-0	5-10	No data available	No data available
Glycol Distearate	Present	111-60-4	1 - 10	No data available	No data available
Disodium Laureth Sulfosuccinate	Present	40754-59-4	1 - 5	No data available	No data available
Sodium Chloride	Present	7647-14-5	1 - 5	No data available	No data available

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation Not an expected route of exposure.

Skin Contact If skin problems occur, discontinue use. If symptoms persist, seek medical attention.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. If discomfort of irritation persists, seek medical attention.

Ingestion In case of accidental ingestion, Wash out mouth with water. DO NOT INDUCE VOMITING. Seek immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms None known.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

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

Unsuitable extinguishing media

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with eyes.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Collect spillage.

6.3. 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

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with eyes.

General Hygiene Considerations

None under normal use conditions.

7.2. 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.

7.3. Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Glycol Distearate 111-60-4				TWA: 10 mg/m ³	
Component	Italy	Portugal	Netherlands	Finland	Denmark
Glycol Distearate 111-60-4 (1 - 10)		TWA: 10 mg/m ³			
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Glycol Distearate 111-60-4					TWA: 10 mg/m ³ STEL: 30 mg/m ³

Predicted No Effect Concentration
 (PNEC)

8.2. Exposure controls

Engineering Controls None under normal use conditions.

Personal protective equipment

Eye/face protection Tight sealing safety goggles.
Skin and body protection Suitable protective clothing.

Environmental exposure controls

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	liquid	Odor	Pleasant
Appearance	viscous	Odor threshold	
Color	white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	5.5 - 6.2	
Melting point/freezing point	Not Applicable	
Boiling point / boiling range	> 212 °F	
Flash point	Not Applicable	
Evaporation rate	Not Applicable	
Flammability (solid, gas)	Not Applicable	
Flammability Limit in Air		
Upper flammability limit		-
Lower flammability limit		-
Vapor pressure	Not Applicable	
Vapor density	Not Applicable	
Relative density	Not Applicable	
Water solubility	Soluble in water	
Solubility(ies)		
Partition coefficient		
Autoignition temperature		
Decomposition temperature		
Viscosity	4000 - 5500	
Dynamic viscosity	Not Applicable	
Explosive properties		
Oxidizing properties		

9.2. Other information

Molecular weight	Not Applicable
VOC Content (%)	Not Applicable
Density	Not Applicable

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Hazardous polymerization

Hazardous polymerization does not occur.

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

None known based on information supplied.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No data available.

Eye contact No data available.

Skin Contact No data available.

Ingestion No data available.

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

ATEmix (oral) 17,597.00

ATEmix (dermal) 53,043.00

ATEmix (inhalation-vapor) 3,339.00

Unknown Acute Toxicity

27% of the mixture consists of ingredient(s) of unknown toxicity.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg (Rat)		

Sodium C14-16 Olefin Sulfonate	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	
Cocamidopropyl Betaine	= 4900 mg/kg (Rat)		
Sodium Chloride	= 3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h

- Skin corrosion/irritation .
- Serious eye damage/eye irritation .
- Sensitization .
- Germ cell mutagenicity .
- Carcinogenicity .
- Reproductive toxicity .
- STOT - single exposure .
- STOT - repeated exposure .
- Aspiration hazard .

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

4% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium C14-16 Olefin Sulfonate		12.2: 96 h Brachydanio rerio mg/L LC50 semi-static 1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static	
Cocamidopropyl Betaine	0.55: 96 h Desmodesmus subspicatus mg/L EC50 1.0 - 10.0: 72 h Desmodesmus subspicatus mg/L EC50	1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 2: 96 h Brachydanio rerio mg/L LC50 semi-static	6.5: 48 h Daphnia magna mg/L EC50
Sodium Chloride		12946: 96 h Lepomis macrochirus mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static	340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static 1000: 48 h Daphnia magna mg/L EC50

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Dispose of in accordance with local regulations.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not Applicable
14.6 Special Provisions	None
14.7	

RID

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

ADR

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not Applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not Applicable

14.6 Special Provisions None

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Name	French RG number	Title
Sodium Chloride 7647-14-5	RG 78	

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not Applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not Applicable

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

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Revision Note Not Applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet