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

- | | | |
|------------|---|--|
| 1.1 | Product Identifier
Product Name | JEECHEM SHAMPOO CONCENTRATE #7CL |
| 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 | |
| | Physical | Flammable liquids Category 4 |
| | Health | Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Category 1
Irritation |
| | Unknown toxicity | |
| | Acute toxicity, oral | 0.0 % |
| | Acute toxicity, dermal | 0.0 % |
| | Acute toxicity, inhalation, vapor | 36.2 % |
| | Acute toxicity, inhalation, dust or mist | 35.6 % |

- | | | |
|------------|---|--|
| 2.2 | Label Elements according to Regulation (EC) EU 1272/2008 | |
| | Hazard pictogram | |



Signal words
Hazard Statements

Danger
Combustible liquid.
Causes skin irritation.
Causes serious eye damage.

Precautionary Statements:
Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear protective gloves/protective



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Response:	clothing/eye protection/face protection. Wash thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Immediately call a POISON CENTER/doctor. Specific treatment (see this label). Take off contaminated clothing. In case of fire: Use CO ₂ , dry chemical or foam for extinction. Water can be used to cool and protect exposed material.
Storage:	Store in well-ventilated place. Keep cool.
Disposal:	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other Hazards None known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances -

3.2 Mixture

Chemical Name	CAS No.	Concentration
Ammonium laureth sulfate	67762-19-0	10-20%
Ammonium lauryl sulfate	68081-96-9	10-20%
Alkanolamide	68140-00-1	1-5%
Ethanol	64-17-5	1-5%
Ethoxylated alcohol	Confidential	1-5%
Alcohols, C10-16	67762-41-8	0.1-0.5%

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

Ingestion:	Rinse mouth. Get medical attention if symptoms occur.
Inhalation:	Remove exposed person to fresh air if adverse effects are observed.
Skin Contact:	Take off contaminated clothing and wash before re-use. Wash skin thoroughly with soap and water. If skin irritation occurs, get medical attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/...

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



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- 5.1 General Fire Hazards** Move containers from fire area if you can do so without risk.
- 5.2 Suitable (and Unsuitable) Extinguishing Media**
Suitable extinguishing media: CO2, Dry chemical or Foam. Water can be used to cool and protect exposed material.
Unsuitable extinguishing media: Not determined
- 5.3 Specific Hazards arising from the Chemical** When heated, hazardous gases are released including chlorine, hydrogen chloride, and sulfur dioxide. See section 10 for additional information. Material will not burn until water has been evaporated. Container may rupture on heating. Water or foam may cause frothing. Avoid solid streams of water. Use water spray
- 5.4 Special Protective Equipment and Precautions for Firefighters**
Special fire fighting procedures: No data available.
Special protective equipment for fire-fighters: Wear full protective firegear including self-containing breathing apparatus operated in the positive pressure mode with full facepiece, coat, pants, gloves and boots.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, Protective Equipment and Emergency Procedures** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. See Section 8 of the SDS for Personal Protective Equipment. Ventilate area if spilled in confined space or other poorly ventilated areas. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations.
- 6.2 Environmental Precautions** Avoid release to the environment. Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.
- 6.3 Methods and Material for Containment and Cleaning Up** Eliminate all ignition sources if safe to do so. Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Wash area with soap and water. Spilled liquid and dried film are slippery. Use care to avoid falls. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas
- 6.4 Reference to other Sections** Section 8: Exposure control /personal protection.



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Section 13: Waste treatment.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not get in eyes. Avoid contact with skin. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Launder contaminated clothing before reuse. Avoid environmental contamination.

Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing mists or vapors. When using do not eat, drink or smoke. Stir well before use. Keep containers closed when not in use. Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Wash thoroughly after handling.

7.2 Maximum Handling Temperature

Not determined.

7.3 Conditions for Safe Storage including any Incompatibilities

Keep cool. Store in a well-ventilated place. Keep from freezing. Do not store in open, unlabeled or mislabeled containers.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Ethanol	STEL	1,000 ppm	US. ACGIH Threshold Limit Values (02 2012)
Ethanol	REL	1,000 ppm 1,900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
Ethanol	PEL	1,000 ppm 1,900 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

8.2 Engineering Controls

Use material in well ventilated area only. Adequate ventilation should be provided so that exposure limits are not exceeded. Mechanical ventilation or local exhaust ventilation may be required.

8.3 Personal Protective Equipment

General information:

Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended



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Eye/face protection:
Skin Protection
Hand Protection:

exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Wear tight-fitting goggles or face shield.

Other:

Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water. Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves.

Wear apron or protective clothing in case of contact. Do not wear rings, watches or similar apparel that could entrap the material. Gloves, coveralls, apron, boots as necessary to minimize contact. Do not wear rings, watches or similar apparel that could entrap the material.

Respiratory Protection:

A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator. Under normal use conditions, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites. Under normal use conditions, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites. Observe good industrial hygiene practices. Do not get in eyes. Avoid contact with skin. Wash contaminated clothing before reuse. When using do not smoke. Wash hands before breaks and immediately after handling the product.

Hygiene measures:

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Physical state:	Liquid
Form:	Liquid
Color:	Clear
Odor:	Slight alcohol
Odor threshold:	No data available.
pH:	6.5 - 7 (10 % Water)
Freezing point:	Approximate 0 °C
Boiling Point:	Approximate 212 °F (100 °C)
Flash Point:	> 180 °F (82 °C) (Pensky-Martens Closed Cup)
Evaporation rate:	< 1 n-butyl acetate=1
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	



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Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	Approximate 18 torr (20 °C 68 °F)
Vapor density:	< 1
Relative density:	1.02 68 °F (20 °C)
Solubility(ies)	
Solubility in water:	Dispersible
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	< 5,000 mPa.s (77 °F (25 °C))
Other information	
Bulk density:	8.51 lb/gal 77 °F (25 °C)
Percent Solid:	> 37.5 % (Percent by Weight)
Percent volatile:	< 62.5 %(Percent by Weight)

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity	No data available.
10.2 Chemical Stability	Material is stable under normal conditions.
10.3 Possibility of Hazardous Reactions	Will not occur.
10.4 Conditions to Avoid	Heat, sparks, flames. Do not freeze.
10.5 Incompatible Materials	Strong oxidizers Strong acids. Strong bases.
10.6 Hazardous Decomposition Products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Hydrogen chloride. Chlorinated compounds. Alkyl mercaptans and sulfides may also be released. Nitrogen Oxides Oxides of Sulfur. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Toxicity	
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:	No carcinogenic components identified
US. National Toxicology Program (NTP) Report on Carcinogens:	No carcinogenic components identified
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):	No carcinogenic components identified



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Germ Cell Mutagenicity:
Alkanolamide

The Ames Salmonella test for mutagenicity was negative for this product.
This material has not exhibited mutagenic or genotoxic potential in laboratory tests.

Ethanol

Reproductive toxicity:
Ethanol

Ethanol has been reported to cause birth defects in laboratory animals.

Specific Target Organ Toxicity - Repeated Exposure:
Product:

Ingestion of ethanol is known to cause liver damage and other chronic effects in humans. Inhalation testing using laboratory animals resulted in liver damage only at high concentrations.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Persistence and Degradability

Ammonium laureth sulfate
Ammonium lauryl sulfate
Ethanol
Ethoxylated alcohol
Alcohols, C10-16

OECD TG 301 B, > 85 %, 28 d, Readily biodegradable
OECD TG 301 D, 82 %, 15 d, Readily biodegradable
Miscellaneous, 84 %, 20 d, Readily biodegradable
OECD TG 301 F, > 60 %, 28 d, Readily biodegradable
Miscellaneous, 100 %, 28 d, Readily biodegradable

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Disposal instructions:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product.

Contaminated Packaging:

Container packaging may exhibit hazards.

SECTION 14 – TRANSPORTATION INFORMATION

14.1 Shipping Description

DOT
UN Number:
UN Proper Shipping Name:
Transport Hazard Class(es)
Class:
Label(s):
Packing Group:
Marine Pollutant:
Special precautions for user:

NA 1993
Combustible liquid, n.o.s.(Ethanol)
CBL
NONE
III
No
None established



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<p>IMDG IATA Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</p> <p>Note:</p>	<p>Not regulated. Not regulated. None known. The DOT shipping information in this section is based on a bulk container. Please review the accompanying shipping papers for the correct shipping descriptions based the size of the package. Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. During transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures.</p>
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SECTION 15 – REGULATORY INFORMATION

15.1 U.S. Federal Regulations

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt.D) None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4)

<u>Chemical Identity</u>	<u>CAS number</u>	<u>Reportable quantity</u>	<u>Calculated¹</u>
Ammonium chloride	12125-02-9	5000 lbs	> 50,000.00 lbs > 22,679.60 kgs
Methanol	67-56-1	5000 lbs	> 50,000.00 lbs > 22,679.60 kgs
Formaldehyde	50-00-0	100 lbs	> 50,000.00 lbs > 22,679.60 kgs
Sodium methoxide	124-41-4	1000 lbs	> 50,000.00 lbs > 22,679.60 kgs
1, 4 Dioxane	123-91-1	100 lbs	> 50,000.00 lbs > 22,679.60 kgs

Note: is the amount product/material required to be released before CERCLA reporting is required.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 311 Classifications

Fire Hazard

Immediate (Acute) Health Hazards

SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification



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<u>Chemical Identity</u>	<u>CAS number</u>
Ammonium chloride	12125-02-9
Methanol	67-56-1
Formaldehyde	50-00-0
Sodium methoxide	124-41-4
1, 4 Dioxane	123-91-1

<u>Percent by Weight</u>	<u>Reportable Quantity</u>
0.8 %	5000 lbs
0.2 %	5000 lbs
621.0 PPM	100 lbs
219.0 PPM	1000 lbs
60.0 PPM	100 lbs

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

15.2 US State Regulations
 US. California Proposition 65

This product may contain chemical(s) known to the state of California to cause cancer and/or birth defects. Additional information can be received upon request.

Inventory Status

Australia (AICS)

All components are in compliance with chemical notification requirements in Australia.

Canada (DSL/NDSL)

All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

China (IECSC)

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

European Union (REACH)

To obtain information on the REACH compliance status of this product, please e-mail REACH@SDSInquiries.com. This product contains one or more components that are not included on the Existing and New Chemical Substances List (ENCS). It is intended for use solely as a cosmetic ingredient in Japan.

Japan (ENCS)

Korea (ECL)

All components are in compliance in Korea.

New Zealand (NZIoC)

All components are in compliance with chemical notification requirements in New Zealand.

Philippines (PICCS)

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

Switzerland (SWISS)

All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Taiwan (TCSCA)

This product requires notification before sale in Taiwan.

United States (TSCA)

All components of this material are on the US TSCA Inventory. The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

SECTION 16 – OTHER INFORMATION

16.1 HMIS Hazard ID

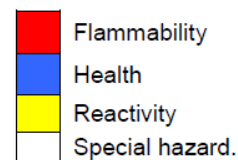
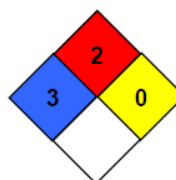
Health	*	3
Flammability		2
Physical Hazards		0

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Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

16.2 NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

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