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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><br>Product Name                                                               | <b>JEELATE SLES-60</b>                                                                                                                                                                                                                                 |
| <b>1.2</b> | <b>Relevant Identified Uses of the Substance or Mixture and Uses Advised Against</b><br>Identified uses | Cosmetic raw material                                                                                                                                                                                                                                  |
| <b>1.3</b> | <b>Details of the Supplier of the Safety Data Sheet</b><br>Company                                      | JEEN International Corporation<br>24 Madison Road<br>Fairfield, New Jersey 07004<br>Tel: +1-973-439-1401<br>Fax: +1-973-439-1402<br>email: <a href="mailto:info@jeen.com">info@jeen.com</a><br>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 | Flam. Liq. 2<br>Eye Irrit. 2<br>Skin Irrit. 2                                                                                                                                                                                                                                                 |
| <b>2.2</b> | <b>Label Elements</b> according to Regulation (EC) EU 1272/2008<br>Hazard pictogram      | GHS02<br>                                                                                                                                                                                                  |
|            | Signal words                                                                             | Danger                                                                                                                                                                                                                                                                                        |
|            | Hazard statements                                                                        | H226: Flammable liquid and vapour<br>H315: Causes skin irritation<br>H319: Causes serious eye irritation<br>H332: Harmful if inhaled<br>H335: May cause respiratory irritation                                                                                                                |
|            | Precautionary statements                                                                 | P 210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P233: Keep container tightly closed.<br>P261: Avoid breathing dust/fume/gas/mist/vapours/spray .<br>P280: Wear protective gloves/protective clothing/eye protection/face protection. |
| <b>2.3</b> | <b>Other Hazards</b>                                                                     | None known                                                                                                                                                                                                                                                                                    |



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

**3.1 Substances**

**3.2 Mixture**

Chemical characterization	Cosmetic ingredients		
INCI	Sodium Laureth Sulfate	Water	Ethyl Alcohol
CAS	68585-34-2	7732-18-5	75-21-8
EC	221-416-0	231-791-2	200-849-9
Concentration	55-65%	17-22%	10-15%

**SECTION 4 – FIRST AID MEASURES**

**4.1 Description of First Aid Measures**

<p>Oral: Eyes:</p> <p>Skin:</p> <p>Inhalation:</p> <p>Additional Info: Physician:</p>	<p>DO NOT INDUCE VOMITING. Get immediate medical attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.</p> <p>Wash with soap and water. Immediately remove contaminated clothing. Get medical attention if irritation persists. Launder contaminated clothing before reuse and discard shoes and other leather articles saturated with the material.</p> <p>Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists or if toxic symptoms are observed, get medical attention.</p> <p>If exposed or concerned. Get medical attention. Treat symptomatically.</p>
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**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</b>	26°C, 80°F Test method unavailable (Typical)
<b>5.2 Extinguishing Media</b>	CO2, dry chemical, foam. Water can be used to cool and protect exposed material.
<b>5.3 Explosion Hazards</b>	Toxic fumes, gases or vapors may evolve on burning. Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back. Container may rupture on heating
<b>5.4 Fire Fighting Procedures</b>	Wear full protective fire-gear including self-contained breathing apparatus operated in the positive pressure mode with full face piece, coat, pants, gloves, and boots. Use water spray. A solid stream of water may cause frothing and splattering.



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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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|------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>6.1</b> | <b>Personal precautions, Protective Equipment and Emergency Procedures</b> | May form explosive mixtures with air. Immediately evacuate all personnel from danger area. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Eliminate must be worn, see Personal Section for PPE recommendations.                                                                                                                                                                                                                                                                                     |
| <b>6.2</b> | <b>Environmental Precautions</b>                                           | Prevent entry into sewers and waterways.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>6.3</b> | <b>Methods and Material for Containment and Cleaning Up:</b>               | Eliminate all sources of heat, sparks pilot lights, static electricity and open flames. Ventilate spill area. Dispose of in accordance with all federal, state and local environment regulation. Pick up free liquid for recycle and/or disposal if can be accomplished safely with explosion proof equipment. Residual liquid can be absorbed on inert material. Check under Transportation and labeling (DOT/CERLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills. |
| <b>6.4</b> | <b>Reference to other Sections</b>                                         | Section 8: Exposure control /personal protection.<br>Section 13: Waste treatment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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**SECTION 7 – HANDLING AND STORAGE**

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|------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>7.1</b> | <b>Maximum Pumping Temp.</b>         | Not determined                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>7.2</b> | <b>Maximum Handling Temp.</b>        | Not determined                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>7.3</b> | <b>Precautions for Safe Handling</b> | Keep away from ignition sources such as heat, sparks and open flame. No smoking keep containers closed when not in use. Do not discharge into drains or the environment, dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Avoid contact with skin or eyes. Avoid drinking, tasting, swallowing ingesting this product. Avoid inhalation of aerosol, mist, spray, fume or vapor. Avoid breathing dust, fume, gas, mist, vapors or spray. Ground / bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. Wash thoroughly after handling. Launder contaminated clothing before re-use. Empty containers retain material residue. Do not cut, weld, braze, solder, drill, grind or expose |



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**7.4 Condition for Safe Storage, including any Incompatibilities**

containers to heat, flame, spark or other sources of ignition.

Do not store near potential sources of ignition. Isolated

outside storage is preferred. Inside storage area should be in a flammable liquids cabinet or storage area. Store in a cool, dry, well-ventilated area. Keep container tightly closed. Do not store at temperatures greater than 120 def F (49 deg C). Do not store in open, unlabeled, or mislabeled containers.

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

**8.1. Exposure Limits**

COMP.	Exposure Guidelines					
	OSHA		ACGIH		OTHER	
	TWA	STEL	TWA	STEL	TWA	STEL
ETHYL ALCOHOL	100 PPM	N/E	N/E	1000 ppm	N/E	N/E
METHANOL	200 PPM	N/E	200 PPM (S)	250 PPM	N/E	N/E

**8.2 Engineering Controls**

Use material in a well-ventilated area only. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits. Use explosion proof equipment, Prevent inhalation by providing effective general and when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist, or vapor away from workers.

Glove Protection  
 Eye Protection  
 Respiratory Protection

Use nitrile or neoprene gloves.  
 Chemical goggles or face shield.  
 Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

Clothing Recommendation

Gloves, coveralls, apron, boots as necessary to minimize contact. Wear either a chemical protective suit or apron when potential for contact with material exists. Use chemically protective boots when necessary to avoid contaminating shoes. Do not wear rings, watched or similar apparel that could entrap the material and cause a skin reaction launder contaminated clothing before reuse.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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

Flash Point: 26 Deg. C, 80.1 Deg. F, Test method unavailable (Typical)  
 Upper Flammable Limit: Not determined.



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Lower Flammable Limit:	Not determined.
Autoignition Point:	Not determined.
Explosion Data:	Material does not have explosive properties in liquid state, but rm explosive mixtures with air.
Vapor Pressure:	40 mm Hg (20 C)
pH	7.5-8.5 @ 10 % in water
Specific Gravity:	1.01 (20 Deg. C)
Water Solubility:	Soluble
Percent Solid:	Not determined
Percent Volatile:	33% By Weight
Percent VOC:	13-15%
Vapor Density:	Not determined
Evaporation Rate:	Not determined
Odor:	Alcohol
Appearance:	Pale yellow liquid
Viscosity:	Unknown
Odor Threshold:	Unknown
Boiling Point:	78 Deg. C, 173 Deg. F (Typical)
Pour Point Temperature:	Not determined
Freezing Point:	Not determined
Note:	The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

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**SECTION 10 – STABILITY AND REACTIVITY**

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<b>10.1 Chemical Stability</b>	Material is normally stable at moderately elevated temperatures and pressures.
<b>10.2 Decomposition Temperature</b>	Not determined
<b>10.3 Incompatible Materials</b>	Strong oxidizing agents and Acids.
<b>10.4 Polymerization</b>	Will not occur
<b>10.5 Thermal Decomposition</b>	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Under combustion conditions, oxides of the following elements will be formed: sodium, sulfur. Irritating and toxic substances may be emitted upon combustion, burning or decomposition of dry solids.
<b>10.6 Conditions to Avoid</b>	Not determined

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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<b>11.1 Acute Exposure</b> Oral Toxicity:	The LD50 in rats is > 10,000 mg/ Kg. Based on data from components or similar materials. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain.
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Eye Irritation: Moderate to strong eye irritant. Based on data from components or similar materials. Vapors may cause irritation.

Skin Irritation: Skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

Respiratory Irritation: Corrosive to the nose, throat and lungs. Based on data from components or similar materials.

Dermal Sensitization: No data available to indicate product or components may be a skin sensitizers.

Inhalation Sensitization: No data available to indicate product or components may be respiratory sensitizers.

**11.2 Chronic Exposure**

Chronic Toxicity: 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. Evidence of the carcinogenicity of ethanol is confined to epidemiological studied assessing the impact of alcoholic beverages consumptions. The evidence does not indicate any such hazard exist from potential exposure to ethanol in the work place.

Carcinogenicity: Product contains between 0.1% and 1% methanol. In-vitro tests on methanol indicate limited evidence of mutagenicity.

Mutagenicity: No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.

Reproductive Toxicity: Product contains between 0.1% and 1% methanol. Methanol has been reported to cause birth defects in rats exposed to very high levels of vapor (20,000 ppm). Ethanol has been reported to cause birth defects in rats exposed to very high levels of capr (20,000 ppm). Ethanol has been reported to cause birth defects in laboratory animals.

Teratogenicity:

**11.3 Other Information**

No other health hazards known.

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**SECTION 12 - ECOLOGICAL INFORMATION**

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**12.1 Environmental Toxicity**

Freshwater Fish Toxicity: The acute LC50 is 1-10 mg/L based on similar materials.  
Freshwater Invertebrates Toxicity: The acute EC50 is 1-10 mg/L based on similar materials. Chronic effects expected at < 1 mg/L based on similar materials.

Algal Inhibition: The acute EC50 is 10-100 mg/L based on similar materials.  
Saltwater Fish Toxicity: Not determined  
Saltwater Invertebrates Toxicity: Not determined  
Bacteria Toxicity: Not determined  
Miscellaneous Toxicity: Not determined

**12. Environmental Fate**



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Biodegradation

This product will biodegrade moderately based on OECD 301- type test data for similar products.

Bioaccumulation

25% or greater of the components display no potential to bio concentrate.

Soil Mobility

Not determined, has been derived from products of a similar structure and composition.

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

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**13.1 Waste Treatment Methods**

This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Material, if discarded, is expected to be hazard waste under RCRA due to ignitability (D001). Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/ Provincial and Local regulations.

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**SECTION 14 – TRANSPORTATION INFORMATION**

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<b>ICAO/IATA:</b>	UN1170 Ethanol solution, 3, III
<b>ICAO/IATA II:</b>	UN1170 Ethanol solution, 3, III
<b>IMDG</b>	UN 1170 Ethanol solution, 3, III
<b>IMDG EMS Fire:</b>	F-E
<b>IMDG EMS Spill:</b>	S-D
<b>IMDG MFRG</b>	305, 306
<b>MARPOL annex II:</b>	Not determined
<b>USCG compatibility:</b>	Not determined
<b>US DOT BULK</b>	UN1170 ethanol solution 3, III
<b>DOT NAERG</b>	127
<b>U.S. DOT intermediate</b>	UN1170 Ethanol solution 2, III
<b>U.S. Dot intermediate</b>	
<b>NAERG</b>	127
<b>Canada</b>	UN1170 Ethanol solution 3, III
<b>Mexico</b>	UN1170 Ethanol solution 3, III
<b>Bulk Quantity</b>	85000 KG, 187391 lbs.
<b>Intermediate Quantity</b>	11000 KG, 24251 lbs.
<b>Non-Bulk Quantity</b>	400 KG, 882 lbs

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**SECTION 15 – REGULATORY INFORMATION**

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**U.S. TSCA Inventor:**  
**Other TSCA Reg.**  
**SARA Ext. Haz. Subst.**

All components of this material are on the US TSCA Inventory.  
None known.

**SARA Section 313**

This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.  
This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

**SARA 311 Classifications:**

ACUTE HAZARD	YES
CHRONIC HAZARD	YES
FIRE HAZARD	YES
REACTIVITY HAZARD	NO
CERCLA Hazardous	





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Substances:

None known

**Cal. Prop.65**

This product does not intentionally contain any chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: 0.020% 1,4 Dioxane, CAS no. 123-91-1

**U.S. Fuel Registration**

Not applicable.

**Finnish Registration Number**

Not registered.

**Sweden Registration Number**

Not registered.

**Norway Registration Number**

Not registered.

**Danish Registration Number**

Not registered.

**Switzerland Bag T Registration Number**

Not registered.

**Italian Registration Number**

Not Registered

**Japan**

All components are in compliance with the Chemical Substance Control Law of Japan.

**EU**

All components are in compliance with the EC Seventh amendment Directive 92/32/EEC.

**Australia**

All components are in compliance with the Chemical notification requirements in Australia.

**New Zealand**

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

**Canada**

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

**Switzerland**

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

**Korea**

All components are in compliance in Korea.

**Philippines**

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

**China**

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

**SECTION 16 – OTHER INFORMATION**

US NFPA CODES

Health	Fire	Reactivity	Special
2	3	0	N/E

(N/E) – None Established

HMIS CODES

HEALTH	FIRE	REACTIVITY
2*	3	0

Precautionary Labels

Danger  
 H226: Flammable liquid and vapour  
 H315: Causes skin irritation  
 H319: Causes serious eye irritation  
 H332: Harmful if inhaled





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H335: May cause respiratory irritation

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