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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> Product Name	<b>JEELATE ME-60</b>
<b>1.2</b>	<b>Relevant Identified Uses of the Substance or Mixture and Uses Advised Against</b> Identified uses	Cosmetic raw material
<b>1.3</b>	<b>Details of the Supplier of the Safety Data Sheet</b> Company	JEEN International Corporation 24 Madison Road Fairfield, New Jersey 07004 Tel: +1-973-439-1401 Fax: +1-973-439-1402 email: <a href="mailto:info@jeen.com">info@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 Physical Hazards Health Hazards  Unknown Toxicity	Flammable Liquids, Category 3 Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 1 Acute toxicity, oral - 0.0 % Acute toxicity, dermal - 0.0 % Acute toxicity, inhalation, vapor - 60.0 % Acute toxicity, inhalation, dust or mist - 58.1%
<b>2.2</b>	<b>Label Elements</b> according to Regulation (EC) EU 1272/2008 Hazard pictogram	GHS02      GHS05   
	Signal words Hazard statements  Precautionary statements Prevention:	Danger Flammable liquid and vapor. Causes skin irritation. Causes serious eye damage.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static



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Response:

discharge. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Avoid release to the environment.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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<sub>2</sub>, dry chemical or foam for extinction. Water can be used to cool and protect exposed material.

Store in well-ventilated place. Keep cool.

Storage:  
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 which do not result in GHS classification**

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

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

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**3.1 Substances**

**3.2 Mixture**

Chemical characterization  
 INCI  
 CAS  
 Concentration

Cosmetic ingredients			
Sodium myreth sulfate	Ethanol	Ethoxylated Alcohol	
25446-80-4	64-17-5	Confidential	
60 – 70%	10 – 20%	1 – 5%	

Trade secret information:

A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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**SECTION 4 – FIRST AID MEASURES**

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**4.1 Description of First Aid Measures**

Ingestion:  
 Inhalation:

Rinse mouth. Get medical attention if symptoms occur. Remove exposed person to fresh air if adverse effects are observed.

Skin Contact:

Take off immediately all contaminated clothing. 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/...



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**4.2 Most important Symptoms and Effects**

Symptoms:

See section 11.

**4.3 Indication of any immediate Medical Attention and special Treatment needed**

Treatment:

Treat symptomatically.

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**SECTION 5 – FIRE FIGHTING MEASURES**

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**5.1 General Fire Hazards**

Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**5.2 Extinguishing Media**

Suitable extinguishing media:

CO<sub>2</sub>, Dry chemical or Foam. Water can be used to cool and protect exposed material.

Unsuitable extinguishing media:

Not determined.

**5.3 Special Hazards arising from the Chemical**

Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations. Vapors may travel considerable distance to a source of ignition and flash back. When heated, hazardous gases are released including chlorine, hydrogen chloride, and sulfur dioxide. See section 10 for additional information. Container may rupture on heating. Water or foam may cause frothing. Avoid solid streams of water. Use water spray. Toxic fumes, gases or vapors may evolve on burning or exposure to heat.

**5.4 Protective Equipment for Fire Fighting**

Wear full protective fire gear including self-containing breathing apparatus operated in the positive pressure mode with full face piece, coat, pants, gloves and boots.

**5.5 Special Fire Fighting Procedures**

No data available.

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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**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 upwind. 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



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**6.3 Methods and Material for Containment and Cleaning Up**

if safe to do so.

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.

**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. Take precautionary measures against static discharges. Ground and bond container and receiving equipment. Use only non-sparking tools. 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 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. Wash thoroughly after handling

**7.2 Maximum Handling Temperature**

Not determined.

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

Keep container tightly closed. Keep cool. Store in a well-ventilated place. Do not store in open, unlabeled or mislabeled containers. Do not freeze.

**7.4 Maximum Storage Temperature**

Not determined.

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

**8.1 Occupational Exposure Limits**

Chemical Name	Ethanol	
Type	STEL	
Exposure Limit Values	1,000 ppm	
Source	US. ACGIH Threshold Limit Values (02 2012)	
Chemical Name	Ethanol	
Type	REL	
Exposure Limit Values	1, 000	1,900 mg/m <sup>3</sup>



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Source

US. NIOSH: Pocket Guide to Chemical Hazards (2010)

Chemical Name

Ethanol

Type

PEL

Exposure Limit Values

1,000 ppm 1,900 mg/mg<sup>3</sup>

Source

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

**8.2 Appropriate Engineering Controls**

Use explosion-proof ventilation equipment to stay below exposure limits. 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:

Use explosion-proof ventilation equipment. 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 exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Wear tight-fitting goggles or face shield.

Eye/face protection:

Skin Protection

Hand Protection:

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.

Other:

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.

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. 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:



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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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

Physical State:	Liquid
Color:	Light yellow
Odor:	Slight alcohol
Odor Threshold:	No data available.
pH:	7.5 - 8.5 (10 % Water)
Freezing point:	No data available.
Boiling Point:	172.9 °F (78.3 °C)
Flash Point:	> 79.9 °F (26.6 °C) (ASTM D 3828)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower Limit on Flammability or Explosive Limits	
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:	No data available.
Vapor Density:	No data available.
Relative Density:	1.05 68 °F (20 °C)
Solubility(ies)	
Solubility in Water:	Soluble
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:	No data available.
Bulk density:	8.76 lb/gal 77 °F (25 °C)
VOC:	14 %

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**SECTION 10 – STABILITY AND REACTIVITY**

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<b>10.1 Reactivity</b>	No data available.
<b>10.2 Chemical Stability</b>	Material is stable under normal conditions.
<b>10.3 Possibility of Hazardous Reactions</b>	Will not occur.
<b>10.4 Conditions to Avoid</b>	Do not expose to excessive heat, ignition sources, or oxidizing materials. Do not freeze.
<b>10.5 Incompatible Materials</b>	Material may react with aluminum when heated. Strong oxidizing agents.
<b>10.6 Hazardous Decomposition Products</b>	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. Oxides of Sulfur. Thermal decomposition may generate sodium oxides and other



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sodium containing compounds.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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**11.1 Information on likely Routes of Exposure**

Inhalation:	May cause nose, throat, and lung irritation.
Ingestion:	No data available.
Skin Contact:	Causes skin irritation.
Eye contact:	Causes serious eye damage.

**11.2 Information on Toxicological Effects**

Acute toxicity Oral Product:	Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. ATEmix > 10,000 mg/kg.
Dermal Product: Inhalation Product:	Not classified for acute toxicity based on available data.  High concentrations may cause headaches, dizziness, nausea, behavioral changes, weakness, drowsiness and stupor. Not classified for acute toxicity based on available data.
Skin Corrosion/Irritation: Product:	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. Remarks: Causes skin irritation.
Serious Eye Damage/Eye Irritation: Product:	Remarks: Causes serious eye damage. Remarks: Vapors may cause irritation.
Respiratory sensitization: Skin sensitization: Ethanol	No data available  Classification: Not a skin sensitizer. (Literature)
Specific Target Organ Toxicity - Single Exposure: Sodium myreth sulfate:	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.
Ethanol:	May cause irritation to the mucous membranes and upper respiratory tract.
Ethoxylated alcohol:	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.
Aspiration Hazard:	No data available

**11.3 Chronic Effects**

Carcinogenicity:





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Product:

Evidence of the carcinogenicity of ethanol is confined to epidemiological studies assessing the impact of alcoholic beverage consumption. The evidence does not indicate any such hazard exists from exposure to ethanol in the work place.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:  
 US. National Toxicology Program (NTP) Report on Carcinogens:  
 US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

No carcinogenic components identified

No carcinogenic components identified

Germ Cell Mutagenicity:  
 Ethanol

This material has not exhibited mutagenic or genotoxic potential in laboratory tests.

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.

Ethanol

Unknown: Target Organ(s): Central nervous system., Liver

**SECTION 12 - ECOLOGICAL INFORMATION**

**12.1 Ecotoxicity**

Toxicity to soil dwelling organisms  
 Sediment Toxicity  
 Toxicity to Terrestrial Plants  
 Toxicity to Above-Ground Organisms  
 Toxicity to microorganisms

No data available  
 No data available  
 No data available  
 No data available  
 No data available

**12.2 Persistence and Degradability**

Biodegradation: Ethanol  
 Bioconcentration Factor (BCF)  
 Partition Coefficient n-octanol / water (log Kow)  
 Mobility  
 Other Adverse Effects

Miscellaneous, 84 %, 20 d, Readily biodegradable  
 No data available  
 Ethanol : Log Kow: -0.35 (Measured)  
 No data available  
 No data available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods**

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 containers retain material residue. Do not cut, weld, braze, solder, drill, grind or expose





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

**13.2 Contaminated Packaging**

Container packaging may exhibit hazards.

**SECTION 14 – TRANSPORTATION INFORMATION**

**14.1 DOT**

UN Number:	UN 1170
UN Proper Shipping Name:	Ethanol solutions
Transport Hazard Class(es)	
Class:	3
Label(s):	3
Packing Group:	III
Marine Pollutant:	Yes
Special precautions for user:	None established

**14.2 IMDG**

UN Number:	UN 1170
UN Proper Shipping Name:	ETHANOL SOLUTION
Transport Hazard Class(es)	
Class:	3
Label(s):	3
EmS No.:	F-E, S-D
Packing Group:	III
Marine Pollutant:	Yes
Limited quantity	5.00L
Excepted quantity	E1
Special precautions for user:	None established

**14.3 IATA**

UN Number:	UN 1170
Proper Shipping Name:	Ethanol solution
Transport Hazard Class(es):	
Class:	3
Label(s):	3
Marine Pollutant:	Yes
Packing Group:	III
Limited quantity	10.00L
Excepted quantity	E1
Environmental Hazards	Marine Pollutant
Special precautions for user:	None established
Other information	
Passenger and cargo aircraft:	Allowed
Cargo aircraft only:	Allowed

**14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

None known



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**SECTION 15 – REGULATORY INFORMATION**

**15.1 US 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):

Chemical Identity

Methanol

CAS Number

67-56-1

Reportable Quantity

5000 lbs

Calculated<sup>1</sup>

> 50,000.00 lbs

> 22,679.60 kgs

Chemical Identity

1,4 Dioxane

CAS Number

123-91-1

Reportable Quantity

100 lbs

Calculated<sup>1</sup>

> 50,000.00 lbs

> 22,679.60 kgs

<sup>1</sup>This is the amount of product/material required to be released before CERCLA reporting is required.

Superfund Amendments and Reauthorization Act of 1986 (SARA):

SARA 311 Classifications

Fire Hazard

SARA 302 Extremely Hazardous Substance

Immediate (Acute) Health Hazards

None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

Chemical Identity

Methanol

CAS Number

67-56-1

Percent by Weight

0.7%

Reportable Quantity

5000 lbs

Chemical Identity

1,4 Dioxane

CAS Number

123-91-1

Percent by Weight

200.0 PPM

Reportable Quantity

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



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Australia (AICS)

All components are in compliance with chemical requirements in Australia.

Canada (DSL/NDL)

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 [info@JEEN.com](mailto:info@JEEN.com)

Japan (ENCS)

This product contains a substance that is not listed on the Japanese Existing and New Chemical Substances (ENCS) list.

Korea (ECL)

This product requires notification before sale in Korea.

New Zealand (NZIoC)

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

Philippines (PICCS)

This product requires notification before sale in the Philippines.

Switzerland (SWISS)

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

Taiwan (TCSCA)

All components of this product are listed on the Taiwan inventory.

United States (TSCA)

All components of this material are on the US TSCA Inventory.

Note:

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**

<b>Health</b>	3
<b>Flammability</b>	3
<b>Physical Hazards</b>	0

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

**16.2 NFPA Hazard ID**









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	Flammability
	Health
	Reactivity
	Special Hazard

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

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