SAFTY DATA SHEET
According to Regulation (EC) No 1907/2006 (REACH)

Revision Date: March 28, 2017                                                   Version No.: 2

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

1.1 Product identifier
Product Name
JEELATE ME-60

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

1.4 Emergency telephone number
+1703-527-3887 (Chemet 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 Hazards
Flammable Liquids, Category 3
Health Hazards
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 1
Unknown Toxicity
Acute toxicity, oral - 0.0 %
Acute toxicity, dermal - 0.0 %
Acute toxicity, inhalation, vapor - 60.0 %
Acute toxicity, inhalation, dust or mist - 58.1%

2.2 Label Elements according to Regulation (EC) EU 1272/2008
Hazard pictogram
GHS02
GHS05

Signal words
Danger

Hazard statements
Flammable liquid and vapor.
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. 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
discharge. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response:
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 CO₂, 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 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.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixture
Chemical characterization
INCI: Sodium myreth sulfate
CAS: 25446-80-4
Concentration: 60 – 70%

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

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 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/…
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.

SECTION 5 – FIRE FIGHTING MEASURES

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: CO2, 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.

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 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
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.

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

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<thead>
<tr>
<th>Chemical Name</th>
<th>Ethanol</th>
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<tr>
<td>Type</td>
<td>STEL</td>
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<tr>
<td>Exposure Limit Values</td>
<td>1,000 ppm</td>
</tr>
<tr>
<td>Source</td>
<td>US. ACGIH Threshold Limit Values (02 2012)</td>
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<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Ethanol</th>
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<tr>
<td>Type</td>
<td>REL</td>
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<tr>
<td>Exposure Limit Values</td>
<td>1,000</td>
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</tbody>
</table>
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Source

Chemical Name
Ethanol

Type
PEL

Exposure Limit Values
1,000 ppm 1,900 mg/mg³

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:

Eye/face protection: Wear tight-fitting goggles or face shield.

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.

Hygiene measures:

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.
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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 %

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
Do not expose to excessive heat, ignition sources, or oxidizing materials. Do not freeze.

10.5 Incompatible Materials
Material may react with aluminum when heated. Strong oxidizing agents.

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. Oxides of Sulfur. Thermal decomposition may generate sodium oxides and other
SECTION 11 - TOXICOLOGICAL INFORMATION

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: Not classified for acute toxicity based on available data.

Inhalation
Product: 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: No data available

Skin sensitization:
Ethanol 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:
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 workplace.

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

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.

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

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity
Toxicity to soil dwelling organisms No data available
Sediment Toxicity No data available
Toxicity to Terrestrial Plants No data available
Toxicity to Above-Ground Organisms No data available
Toxicity to microorganisms No data available

12.2 Persistence and Degradability
Biodegradation: Ethanol Miscellaneous, 84 %, 20 d, Readily biodegradable
Bioconcentration Factor (BCF) No data available
Partition Coefficient n-octanol / water (log Kow) Ethanol : Log Kow: -0.35 (Measured)
Mobility No data available
Other Adverse Effects 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
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
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**: > 50,000.00 lbs
- **Calculated**: > 22,679.60 kgs

Chemical Identity:
- **1,4 Dioxane**
- **CAS Number**: 123-91-1
- **Reportable Quantity**: > 50,000.00 lbs
- **Calculated**: > 22,679.60 kgs

CERCLA Hazardous Substance List (40 CFR 302.4):

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

- **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/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 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

<table>
<thead>
<tr>
<th>Health</th>
<th>3</th>
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</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>3</td>
</tr>
<tr>
<td>Physical Hazards</td>
<td>0</td>
</tr>
</tbody>
</table>

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

16.2 NFPA Hazard ID

| 3 | 3 | 0 |
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