



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

Material Safety Data Sheet

Section 1 – Company and Product Identification

Issued by: JEEN International Corporation
24 MADISON ROAD
FAIRFIELD, NJ 07004
Tel#: 973-439-1401

Chemtrec Emergency Telephone # 800-424-9300
Chemtrec Int'l Tel. # 703-527-3887(Collect Calls Accepted)

Revision Date: December 6, 2013

Product Name: **JEESILC EM 178**
Chemical Name: **Dimethiconol (and) TEA-dodecylbenzenesulfonate**
Chemical Family: Silicone Emulsion
CAS No.: N/A – Mixture

Section 2 – Hazardous Ingredients/Classification

Acute Effects

Eye: Direct contact may cause moderate irritation
Skin: May cause moderate irritation
Inhalation: No significant effects expected from a single short-term exposure
Oral: Low ingestion hazard in normal use.

Prolonged/ Repeated Exposure Effects

Skin: Repeated skin contact may cause allergic skin reaction. Repeated or prolonged exposure may irritate seriously.
Inhalation: No known applicable information
Oral: Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure: No known applicable information.
Medical Conditions
Aggravated by Exposure: No known applicable information

*The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and or expert review of the product. Please refer to section 11 for the detailed toxicology information.

Section 3 – Composition / Information on Ingredients

Chemical characterization: Silicone emulsion

Hazardous Ingredients:

Name	CAS-No.	Conc. (% w/w)
Triethanolamine dodecylbenzene sulfonate	27323-41-7	1.5
Triethanolamine Sulfate	20261-61-4	<0.1
2-Methyl-4-isothiazolin-3-One	2682-20-4	<0.1
5-Chloro-2-Methyl-4-isothiazolin-3-one	26172-55-4	<0.1

*The above components are hazardous as defined in 29 CFR 1910.1200



24 Madison Road, Fairfield, New Jersey 07004, USA
 Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
 email: info@jeen.com , Website: www.jeen.com

Section 4 – First Aid Measures

Eye: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes while holding the eyelid(s) open. If contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

Skin Inhalation: If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

Oral If irritation or discomfort occurs, obtain medical advice.

Note to Physician: Treat according to person's condition and specifics of exposure.

Section 5 – Fire Fighting Measures

Flash point: >212 °F / >100 °C (Closed Cup)

Autoignition: Not determined

Flammability limits in the air: Not determined

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Firefighting Measures: Self contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards: None.

Section 6 – Accidental Release Measures

Containment / Clean up: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Section 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Section 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See section 8 for personal protective equipment for spills. Call (989) 496-5900, if additional information is required.

Section 7 – Handling and Storage

Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Do not take internally. Use reasonable care and store away from oxidizing materials.

Section 8 – Exposure Controls / Personal Protection

Component Exposure Limits:		
CAS Number	Component Name	Exposure Limits
27323-41-7	Triethanolamine Dodecylbenzene Sulfate	Observe triethanolamine limits. ACH1H TLV: TWA 5 mg/m3

Engineering Controls:
Local Ventilation: None should be needed.
General Ventilation: Recommended.



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection – safety glasses as a minimum.
Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Section 8 – Exposure Controls / Personal Protection Continued

Suitable Gloves: Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and or protective clothing to further minimize the potential for skin contact. Consult with your glove and or personnel protective equipment manufacturer for selection of appropriate compatible materials.

Inhalation: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills

Eyes: Use proper protection – safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Inhalation/Suitable

Respirator: No respiratory protection should be needed.

Precautionary Measures: Avoid eye contact. Avoid skin contact. Do not take internally. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/ spray applications may require added precautions.

Section 9 – Physical and Chemical Properties

Physical Form: Milk White Emulsion

Color: White

Odor: Not available

Specific Gravity @ 25°C 0.98

Viscosity 20 cSt

Freezing/Melting Point: >100°C

Vapor Pressure @ 25°C: Not determined

Vapor Density: Not determined

Solubility in Water: Not determined

pH: 6.0-8.0

Volatile Content: Not determined

Flash Point: 212°F / > 100° (closed cup)

Auto ignition Temp: Not determined

Flammability Limits in Air: Not determined

Note: The above information is not intended for use in preparing product specifications.

Section 9 – Stability and Reactivity

Chemical Stability: Stable

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to avoid: None

Section 9 – Stability and Reactivity Continued

Materials to Avoid: Oxidizing material can cause a reaction.

Decomposition Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicone dioxide. Formaldehyde. Metal oxides. Nitrogen oxides. Sulfur oxides.

Section 11- Toxicological Information

Component Toxicology Information:

JEESILC EM 178 Page 3 of 5



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

Study Data suggests that materials containing a mixture of triethanolamine dodecylbenzene sulfonate, triethanolamine sulfate, and the active ingredients of Kathon can cause skin sensitization. Although each of these components individually may not present a risk for skin sensitization at the levels in this material, the combination of these three has been shown to elicit an allergic skin response.

Special Hazard Information on Components

No known applicable information

Section 12 – Ecological Information

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available

ECOTOXICITY CLASSIFICATION CRITERIA

Hazard Parameters (LC50 OR EC 50)	HIGH	MEDIUM	LOW
Acute Aquatic Toxicity (mg/l)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <=2000	>2000

*This table is adapted from "Environmental Toxicology and Risk Assessment" ASTM STP 1179, P.34, 1993.

*This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

Section 13 –Disposal Considerations

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a waste? No

State or local laws may impose additional regulatory requirements regarding disposal. Call (989)-469-6315, if additional information is required.

Section 14 – Transport Information

DOT Road Shipment Information (49 CFR 172.101)

No subject to DOT

Ocean Shipment (IMDG)

Not subject to IMDG code

Air Shipment (IATA)

Not subject to IATA regulations.

Section 15- Regulatory Information

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances (40 CFR 355):

None

Section 304 CERCLA Hazardous Substances (40 CFR 302):

CAS Number	WT%	Component Name
27323-41-7	1.5	Triethanolamine dodecylbenzene sulfonate



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

Section 311/312 Hazard Class (40 CFR 370)

Acute: Yes
Chronic: No
Fire: No
Pressure: No
Reactive: No

Section 15- Regulatory Information Continued

Section 313 Toxic Chemicals (40 CFR 372):

None present or none present in regulated quantities.

Note: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

Supplemental State Compliance Information
California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.
None known.

Massachusetts:

CAS Number	WT%	Component Name
27323-41-7	1.0-5.0	Triethanolamine Dodecylbenzene sulfonate

New Jersey

CAS Number	Wt%	Component Name
70131-67-8	40.0-60.0	Dimethyl siloxane, hydroxyl-terminated
7732-18-5	40.0-60.0	Water
27323-41-7	1.0-5.0	Triethanolamine dodecylbenzene sulfonate

Section 15- Regulatory Information Continued

Pennsylvania

CAS Number	WT%	Component Name
70131-67-8	40.0-60.0	Dimethyl siloxane, hydroxy-terminated
7732-18-5	40.0-60.0	Water
27323-41-7	1.0-5.0	Triethanolamine dodecylbenzene

Section 16- Other Information

Disclaimer: As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with applicable federal, state and local regulations remains the responsibility of the user