# SAFETY DATA SHEET

## 1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th>Safetec Foaming Hand Soap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td></td>
</tr>
<tr>
<td>Product code</td>
<td>Not available.</td>
</tr>
<tr>
<td>Recommended use</td>
<td>Antiseptic soap</td>
</tr>
<tr>
<td>Recommended restrictions</td>
<td>No restrictions on use known.</td>
</tr>
<tr>
<td>Chemical family</td>
<td>Mixture.</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Refer to Supplier</td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.safetec.com">www.safetec.com</a></td>
</tr>
</tbody>
</table>

### Supplier information

<table>
<thead>
<tr>
<th>Company name</th>
<th>Safetec of America, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>887 Kensington Avenue</td>
</tr>
<tr>
<td></td>
<td>Buffalo, NY, USA</td>
</tr>
<tr>
<td></td>
<td>14215</td>
</tr>
<tr>
<td>Telephone</td>
<td>(716) 895 1822</td>
</tr>
<tr>
<td>Emergency phone number</td>
<td>1-800-255-3924</td>
</tr>
</tbody>
</table>

## 2. Hazard(s) Identification

This material is classified as hazardous under OSHA regulations (29CFR 1910.1200).

### Physical hazards

This mixture does not meet the classification criteria according to OSHA Hazcom 2012

### Health hazards

- Serious eye damage/eye irritation - Category 2A
- Sensitization, skin - Category 1
- Carcinogenicity - Category 2

### Environmental hazards

This mixture does not meet the classification criteria according to OSHA Hazcom 2012

### OSHA defined hazards

This mixture does not meet the classification criteria according to OSHA Hazcom 2012

### Label elements

- **Signal Word**: DANGER!
- **Hazard statement(s)**: Causes serious eye irritation. May cause an allergic skin reaction. Suspected of causing cancer.
- **Precautionary statement(s)**
  - **Prevention**: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Avoid breathing vapors or mists. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
  - **Response**: If exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
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Storage
Store locked up.

Disposal
Dispose of contents/container in accordance with local regulation.

Hazard(s) not otherwise Classified (HNOC)
None known.

Supplemental Information
None.

3. Composition/information on ingredients

Mixture

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl Betaine</td>
<td>1-propanaminium, 3-amino-n-</td>
<td>61789-40-0</td>
<td>0.5 - 1.0</td>
</tr>
<tr>
<td></td>
<td>(carboxymethyl)-n,n-dimethyl,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>N-coco Acyl Derivs., Hydroxides,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inner Salts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-Chloro-3,5-dimethylphenol</td>
<td>OCMX, 3,5-Xylenol, 4-chloro</td>
<td>88-04-0</td>
<td>0.5 - 1.0</td>
</tr>
<tr>
<td>Dimethylol,5,5-dimethylhydantoin</td>
<td>DMDS Hydantoin</td>
<td>6440-58-0</td>
<td>0.5 - 1.0</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>Terasodium salt</td>
<td>64-02-8</td>
<td>0.1 - 0.5</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>DEA</td>
<td>111-42-2</td>
<td>0.1 - 0.5</td>
</tr>
</tbody>
</table>

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

4. First-aid measures

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if irritation develops or persists.

Skin contact
Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact
If in eyes, rinse with water for 15 minutes. If eye irritation persists: get medical advice/attention.

Ingestion
Do NOT induce vomiting. Rinse mouth. Call a physician if symptoms develop or persist.

Most important symptoms and effects, both acute and delayed
Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. May cause an allergic skin reaction. Symptoms may include redness, edema, drying defatting and cracking of the skin. Suspected of causing cancer. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Treat symptomatically.

Indication of any immediate medical attention and special treatment needed
None.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing media
Do not use water jet, as this may spread burning material.

Specific hazards arising from the chemical
Thermal decomposition or combustion may liberate toxic gases or fumes.

Special protective equipment and precautions for fire-fighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions
Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Specific methods
None known.

General fire hazards
No unusual fire or explosion hazards noted.

Hazardous combustion products
Carbon oxides.
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6. Accidental release measures
Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Absorb spill with vermiculite or other inert material, then place in a sealed container for chemical waste.

Large Spills: Flush with plenty of water. Prevent entry into waterways, sewer, basements or confined areas. Dike for later disposal.

Environmental precautions
Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

7. Handling and storage
Precautions for safe handling
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted.

Conditions for safe storage, including any incompatibilities
Keep container tightly closed. Keep cool. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

U.S. OSHA Exposure Limits (29 CFR 1910)

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA Diethanolamine (CAS 111-42-2)</td>
<td>3 ppm (final rule limit)</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA Diethanolamine (CAS 111-42-2)</td>
<td>1 mg/m³ (inhalable fraction and vapor) (skin)</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA Diethanolamine (CAS 111-42-2)</td>
<td>3 ppm; 15 mg/m³</td>
</tr>
</tbody>
</table>

Biological limit values

US ACGIH Threshold Limit Values: Skin designation

Diethanolamine (CAS 111-42-2) Can be absorbed through skin

Exposure guidelines

There is no established exposure limits for this product. The above exposure limits are provided for safety reasons.

Appropriate engineering controls
Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye / face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Chemical resistant gloves recommended.

Material name: Safetec Foaming Hand Soap
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Material name: Safetec Foaming Hand Soap

Other

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health or safety professional or manufacturer for specific information.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Contact health and safety professional or manufacturer for specific information.

Thermal hazards

Not flammable under normal conditions of use.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not ingest. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state: Liquid.
Form: Viscous liquid
Color: clear
Odor: Not available.
Odor threshold: Not available.

pH

7.5

Melting point/freezing point

Not available.

Initial boiling point and boiling range

100°C (212°F)

Flash point

Not applicable.

Evaporation rate

Not available.

Flammability (solid, gas)

Not applicable.

Lower flammability/explosive limit

Not applicable.

Upper flammability/explosive limit

Not applicable.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

1.019

Solubility(ies)

Other solubility(ies): No information available.
Solubility (water): Complete.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

Not available.

Decomposition temperature

No information available.

Viscosity

Not available.

Other information

Explosive properties: Not explosive
Oxidizing properties: None known.
Specific gravity

1.019

Critical temperature

Not available.

VOC

Not available.
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Material name: Safetec Foaming Hand Soap

Volutilities % 91%

Other physical/chemical data

None known or reported by the manufacturer.

10. Stability and reactivity

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable at normal conditions.

Possibility of hazardous reactions
Hazardous polymerization does not occur.

Conditions to avoid
High temperatures.

Incompatible materials
Strong oxidizing agents. Acids.

Hazardous decomposition products
Thermal decomposition or combustion may liberate toxic gases or fumes. Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

<table>
<thead>
<tr>
<th>Routes of entry</th>
<th>Inhalation</th>
<th>Skin &amp; Eye</th>
<th>Ingestion</th>
<th>Absorption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td></td>
</tr>
</tbody>
</table>

Most important symptoms/effects, acute and delayed
May cause irritation to the nose, throat and upper respiratory tract. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. May cause an allergic skin reaction. Symptoms may include redness, edema, drying defatting and cracking of the skin. Suspected of causing cancer. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Information on toxicological effects

Acute toxicity
No adverse effects are expected.

Components

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl Betaine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Dermal</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LD50 inhalation</td>
<td>Rat</td>
<td>N/Av</td>
</tr>
<tr>
<td>LC50 Oral</td>
<td>Rat</td>
<td>N/Av</td>
</tr>
<tr>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td>4-Chloro-3,5-dimethylphenol</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Dermal</td>
<td>Rabbit</td>
<td>N/Av</td>
</tr>
<tr>
<td>LD50 inhalation</td>
<td>Rat</td>
<td>N/Av</td>
</tr>
<tr>
<td>LC50 Oral</td>
<td>Rat</td>
<td>N/Av</td>
</tr>
<tr>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3830 mg/kg</td>
</tr>
</tbody>
</table>

Dimethylol-5,5-dimethylhydantoin

Acute
**SAFETY DATA SHEET**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dermal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>2 g/kg</td>
<td></td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rabbit</td>
<td>8180 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>680 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

**Skin Corrosion/Irritation**
- Direct skin contact may result in little or no irritation.

**Serious eye damage/Irritation**
- Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**
- This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Classification: Skin sensitization - Category 1 May cause an allergic skin reaction. Not expected to be a respiratory sensitizer.

**Germ cell mutagenicity**
- No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity**
- This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Classification: Carcinogenicity- Category 2 Suspected of causing cancer. Contains: Diethanolamine

**IARC Monographs. Overall Evaluation of Carcinogenicity**
- Diethanolamine(CAS 111-42-2): Group 3 (Not Classifiable)

**Reproductive toxicity**
- This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure**
- Not classified as a specific target organ toxicity - single exposure.

**Specific target organ toxicity - repeated exposure**
- Not classified as a specific target organ toxicity - repeated exposure.

**Chronic effects**
- Not available.

**Aspiration toxicity**
- Not expected to be an aspiration hazard.

**Further information**
- See below for individual ingredient acute toxicity data.

**12. Ecological information**

**Ecotoxicity**
- The product is not classified as environmentally hazardous.
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### Ecotoxicity data:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Daphnia</th>
<th>Toxicity to Algae</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>LC50 / 96h</td>
<td>NOEC / 21 day</td>
<td>M Factor</td>
</tr>
<tr>
<td>Cocamidopropyl Betaine</td>
<td>61789-40-0</td>
<td>2.0 mg/L (Zebra fish)</td>
<td>0.16 mg/L/28 days (Rainbow trout)</td>
<td>None.</td>
</tr>
<tr>
<td>4-Chloro-3,5-dimethylphenol</td>
<td>88-04-0</td>
<td>0.13 - 1.0 mg/L (Rainbow trout)</td>
<td>N/Av</td>
<td>None.</td>
</tr>
<tr>
<td>Dimethylol-5,5-dimethylhydantoin</td>
<td>6440-58-0</td>
<td>N/Av</td>
<td>N/Av</td>
<td>None.</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>121 mg/L (Bluegill sunfish)</td>
<td>N/Av</td>
<td>None.</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>1370 mg/L (Fathead minnow)</td>
<td>N/Av</td>
<td>None.</td>
</tr>
</tbody>
</table>

### Persistence and degradability

Not available.

### Bioaccumulation potential

Not available.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS No</th>
<th>Bioconcentration factor (BCF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl Betaine (CAS 61789-40-0)</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>4-Chloro-3,5-dimethylphenol (CAS 88-04-0)</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Dimethylol-5,5-dimethylhydantoin (CAS 6440-58-0)</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
<tr>
<td>Tetrasodium EDTA (CAS 64-02-8)</td>
<td>N/Av</td>
<td>N/Av</td>
</tr>
</tbody>
</table>

### Components

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Partition coefficient n-octanol/ater (log Kow)</th>
<th>Bioconcentration factor (BCF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethanolamine (CAS 111-42-2)</td>
<td>-2.18 at 25 °C</td>
<td>no significant bioconcentration</td>
</tr>
</tbody>
</table>

### Mobility in soil

Not available.

### Other adverse effects

Not available.
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No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal consideration

Disposal instructions Handle waste according to recommendations in Section 7.
Local disposal regulations
Reuse or recycling should be given priority over disposal. If the material is unsuitable for recycling or reclamation, dispose of in accordance with federal, provincial and local hazardous waste laws. Contact your local, state or federal environmental agency for specific rules.

Hazardous waste code
If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

Waste from residues / unused products
Contaminated packaging

14. Transport information

<table>
<thead>
<tr>
<th>49CFR/DOT</th>
<th>Not regulated as dangerous goods</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICAO/IATA</td>
<td>Not regulated as dangerous goods</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not regulated as dangerous goods</td>
</tr>
</tbody>
</table>

General information
Not available, This information is not available.

Transport in bulk according to
Annex II of MARPOL 73/78 and
the IBC Code

15. Regulatory information

US Federal Information:
SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Acute Health Hazard ;Chronic Health Hazard Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

Components listed below are present on the following U.S. Federal chemical lists:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>TSCA Inventory</th>
<th>CERCLA Reportable Quantity(RQ) (40 CFR 117.302)</th>
<th>SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:</th>
<th>SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical</th>
<th>Toxic Chemical</th>
<th>de minimus Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropy Betaine</td>
<td>61789-40-0</td>
<td>Yes</td>
<td>None.</td>
<td>None.</td>
<td>No</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>4-Chloro-3,5-dimethylpyridin</td>
<td>88-04-0</td>
<td>Yes</td>
<td>N/Av</td>
<td>N/Av</td>
<td>No</td>
<td>NS</td>
<td></td>
</tr>
<tr>
<td>Dimethylol-5,5-dimethylthi ydantoin</td>
<td>6440-58-0</td>
<td>Yes</td>
<td>N/Av</td>
<td>N/Av</td>
<td>No</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>Yes</td>
<td>N/Av</td>
<td>N/Av</td>
<td>No</td>
<td>N/Av</td>
<td></td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>Yes</td>
<td>100 lb/ 45.4 kg</td>
<td>None.</td>
<td>Yes</td>
<td>1%</td>
<td></td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 (SARA)
### SAFETY DATA SHEET

**Hazard categories**
- Immediate Hazard - Yes
- Delayed Hazard - Yes
- Fire Hazard -
- Pressure Hazard -
- Reactivity Hazard -

**US state regulations**

The following chemicals are specifically listed by individual States:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>California Proposition 65</th>
<th>State &quot;Right to Know&quot; Lists</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Listed</td>
<td>Type of Toxicity</td>
</tr>
<tr>
<td>Cocamidopropyl Betaine</td>
<td>61789-40-0</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>4-Chloro-3,5-dimethylphenol</td>
<td>88-04-0</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Dimethylol-5,5-dimethylhydantoin</td>
<td>6440-58-0</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>No</td>
<td>N/Ap</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>Yes</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

**International Inventories**

Components listed below are present on the following International Inventory lists:

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS #</th>
<th>European EINECs</th>
<th>Australia AICS</th>
<th>Philippines PICCS</th>
<th>Japan ENCS</th>
<th>Korea KECS/KECL</th>
<th>China IECSC</th>
<th>NewZealand IOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl Betaine</td>
<td>61789-40-0</td>
<td>263-058-8</td>
<td>Present</td>
<td>Present</td>
<td>(2)-1290</td>
<td>KE-01243</td>
<td>Present</td>
<td>HSR003529</td>
</tr>
<tr>
<td>4-Chloro-3,5-dimethylphenol</td>
<td>88-04-0</td>
<td>201-793-8</td>
<td>Present</td>
<td>Present</td>
<td>(9)-1650; (3)-936; (3) -727; (3)-542</td>
<td>KE-05943</td>
<td>Present</td>
<td>HSR003373</td>
</tr>
<tr>
<td>Dimethylol-5,5-dimethylhydantoin</td>
<td>6440-58-0</td>
<td>229-222-8</td>
<td>Present</td>
<td>Present</td>
<td>(5)-6503</td>
<td>KE-03214</td>
<td>Present</td>
<td>HSR002726</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</td>
<td>200-573-9</td>
<td>Present</td>
<td>Present</td>
<td>(2)-1265</td>
<td>KE-13654</td>
<td>Present</td>
<td>HSR003275</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>203-868-0</td>
<td>Present</td>
<td>Present</td>
<td>(2)-354; (2)-302</td>
<td>KE-20959</td>
<td>Present</td>
<td>HSR002962</td>
</tr>
</tbody>
</table>

**16. Other information, including date of preparation or last revision**

- **Issue date**: 08/24/2015
- **Version #**: 1

**Legend**
- ACGIH: American Conference of Governmental Industrial Hygienists
- CA: California
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- DOT: Department of Transportation
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- Inh: Inhalation
- LC: Lethal Concentration
- LD: Lethal Dose
- MA: Massachusetts
- MN: Minnesota
- MSHA: Mine Safety and Health Administration
- N/Ap: Not Applicable
- N/Av: Not Available
SAFETY DATA SHEET

NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
STEL: Short Term Exposure Limit
TCC: Tagliabue Closed Cup
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
TSCA: Toxic Substance Control Act
WHMIS: Workplace Hazardous Materials Identification System

Other special considerations for handling:

Provide adequate information, instruction and training for operators.

HMIS Rating:
- Chronic hazard
- Minimal
- Slight
- Moderate
- Serious
- Severe
Health: 2  Flammability: 3  Reactivity: 0

NFPA Rating:
- Minimal
- Slight
- Moderate
- Serious
- Severe
Health: 2  Flammability: 3  Instability: 0  Special Hazards: None

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Bibliography

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for
2. International Agency for Research on Cancer Monographs, searched
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases (Chempendium, HSDB and RTECs).
4. Material Safety Data Sheet from manufacturer.