1. Product Identification
   a. Product Name: SOPALTERIC DCP 40
   b. Chemical Description: Disodium Cocoamphodipropionate
   c. Product Uses: Surfactants for various applications
   d. Emergency Number: 800-633-8253 Cust# 8812
   e. Manufacturer: Southern Chemical & Textiles
      653 Peek Rd.
      Dalton, GA 30721
      706-277-3993

2. Hazards Identification
   a. Hazard Classification:
      CATEGORY 3 - Flammable Liquid or Vapor
      CATEGORY 1 - Serious eye damage. Specific target organ systemic
toxicity - single exposure, central nervous system, optic nerve
      SUBCATEGORY 1B - Skin sensitization

      H226: Flammable liquid and vapor
      H318: Causes serious eye damage
      H317: May cause an allergic skin reaction
      H370: Causes damage to organs
      CATEGORY 2A - Severe Eye Irritant

   b. Pictograms:

   c. Signal Word: WARNING!

   d. Hazard Statement:
      H226: Flammable liquid and vapor
      H317: May cause an allergic skin reaction
      H318: Causes serious eye damage
      H370: Causes damage to organs (Central nervous system, optic nerve)

   e. Precautionary Statements:
      Prevention:
      P210: Keep away from heat/sparks/open flames/ hot surfaces. - No
      smoking.
      P233: Keep container tightly closed
      P240: Ground/bond container and receiving equipment
      P241: Use explosion-proof electrical/ventilating/lighting/equipment.
      P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P260: Do not breathe dust/fume/gas/mist/vapors/spray
P264: Wash skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/eye protection/face protection

Response:
P303 + P361 + P353 : If on skin (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+351+338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307 + P311 : If exposed: Call a POISON CENTER or doctor/physician.
P310: Immediately call a POISON CENTER or doctor/physician.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.
P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:
P405: Store locked up.

Disposal:
P501: Dispose of contents/container in accordance with local regulations.

f. HMIS Rating:
   Health: 2 - Moderate Hazard
   Flammability: 2 - Moderate Hazard
   Reactivity: 0 - Minimal Hazard
   Personal Protection: B - Safety Glasses, Gloves

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>Wt. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&lt; 62</td>
</tr>
<tr>
<td>Disodium Cocoamphodipropionate</td>
<td>68604-71-7</td>
<td>38-40</td>
</tr>
<tr>
<td>Methanol</td>
<td>67-56-1</td>
<td>&lt; 5.5</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

   a. Eye Contact:
      Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical advice/attention.

   b. Skin Contact:
      Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes.
      If a person feels unwell or symptoms of skin irritation appear, consult a physician.
      Wash contaminated clothing before reuse.

   c. Inhalation:
      Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
d. Ingestion: If victim is conscious: Rinse mouth with water. Keep at rest. Do not induce vomiting without medical advice. Do not leave the victim unattended. Vomiting may occur spontaneously. Risk of product entering the lungs on vomiting after ingestion. Lay victim on side. Seek medical advice.

e. Further medical: Show this material safety data sheet to the doctor in attendance. First responder needs to protect himself. Place affected apparel in a sealed bag for subsequent decontamination.

5. Fire-Fighting Measures
a. Suitable Extinguishing Media: Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO₂).

b. Hazardous Combustion Products: On combustion or on thermal decomposition (following the evaporation of water) releases: Nitrogen oxides and Carbon oxides.

c. Special Precautions: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures
a. Personal Precautions: Wear appropriate protective equipment.


c. Containment Methods/Materials: Soak up with an absorbent material.

d. Cleanup Procedures Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local/national regulations. Sweep up or vacuum up spillage and collect in suitable container for disposal. Never return spills in original containers for re-use.

7. Handling and Storage
a. Handling Precautions: Handle in accordance with good industrial hygiene and safety practice. Avoid splashes. Avoid the formation or spread of mist in the atmosphere. Avoid inhalation, ingestion and contact with skin and eyes.

                   Freezing will affect the physical condition but will not damage the material. Thaw and mix before using. To safely melt this material, use low pressure steam or place in a heated room. Avoid localized overheating. Vent drums while heating. Mix thoroughly before use.

b. Storage Conditions: Store in original sealed containers.
8. Exposure Controls/Personal Protection

a. Engineering Controls: Where engineering controls are indication by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposure:
- Effective exhaust ventilation system
- Avoid splashes.

b. Eye/Face Protection: Eye and face protection requirements will vary dependant upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.
- Eye contact should be prevented through the use of:
  - Safety glasses with side-shields
  - In case of contact through splashing:
    - Wear face-shield and protective suit.

c. Skin Protection: Wear appropriate chemical resistant clothing and gloves. Footwear protecting against chemicals.

d. Respiratory Protection: When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the approved regulatory standards and/or industrial recommendations.
- Use a respirator with an approved filter if a risk assessment indicated this is necessary.

e. Exposure Limits: OSHA PEL:
- Methanol: TWA (200 ppm/ 260 mg/m3) - OSHA Z-1
- Methanol: TWA (500 ppm/ 260 mg/m3) - OSHA Z-1-A
- STEL (250 ppm/ 325 mg/m3) - OSHA Z-1-A
- ACGIH TLV: Methanol: (CAS 67-56-1) < 6000ppm (NIOSH IDLH) < 15 mg/L (ACGIH)

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Appearance</td>
<td>Clear to Pale Yellow Liquid</td>
</tr>
<tr>
<td>b. Odor</td>
<td>Alcoholic</td>
</tr>
<tr>
<td>c. Odor Threshold</td>
<td>N/A</td>
</tr>
<tr>
<td>d. pH</td>
<td>9.0-10.0 (25°C/ undiluted)</td>
</tr>
<tr>
<td>e. Melting Point</td>
<td>-2°F (-19°C)</td>
</tr>
<tr>
<td>f. Boiling Point</td>
<td>210°F (99°C) (759.81 mmHg (1.013 hPa)) Method: OECD Test Guideline 102</td>
</tr>
<tr>
<td>g. Flash Point</td>
<td>138°F (59°C) (759.81 mmHg (1.013 hPa)) closed cup</td>
</tr>
<tr>
<td>j. Flammability Limit</td>
<td>Lower flammability/explosion limit: 6.00% (V) Upper flammability/explosion limit: 36.00% (V)</td>
</tr>
<tr>
<td>k. Vapor Pressure</td>
<td>N/A</td>
</tr>
<tr>
<td>l. Vapor Density(Air=1)</td>
<td>N/A</td>
</tr>
<tr>
<td>m. Rel. Density(Water=1)</td>
<td>1.07</td>
</tr>
<tr>
<td>n. Solubility</td>
<td>Water solubility: 340 mg/l (68°F (20°C))</td>
</tr>
<tr>
<td>o. Partition Coefficient</td>
<td>log Pow: -2.31 (77°F (25°C))</td>
</tr>
<tr>
<td>p. Auto-Ignition Temp</td>
<td>851°F (455°C)</td>
</tr>
</tbody>
</table>
h. Evaporation Rate <1
i. Flammability N/A
j. Decomposition Temp N/D
k. Viscosity (25°C) N/A

10. Stability and Reactivity

a. Reactivity: Stable at room temperature, no reaction risk.
b. Chemical Stability: Stable under normal ambient temperature and conditions.
c. Conditions to Avoid: Keep away from heat, sparks and flame.
d. Incompatible Materials:
   - Strong acids
   - Strong bases
   - Strong oxidizing agents
   - Strong reducing agents
e. Hazardous Decomposition:
   On combustion or on thermal decomposition (following the evaporation of water) releases:
   - Nitrogen oxides and Carbon oxides.

11. Toxicological Information

a. Routes of Exposure
   - Eye: Risks of serious damage to eyes.
   - Skin: Irritant
   - Inhalation: N/D
   - Ingestion: N/D
b. Acute Oral Toxicity:
   - LD50: >5,189 mg/kg - Rat
   - Method: OECD Test Guideline 402
   - Occlusive
   - No Mortality observed at this dose.
   - Not classified as harmful by contact with skin
   - Unpublished reports
c. Acute Dermal Toxicity:
   - LD50 Rat: >5,000 mg/kg
d. Exposure Effects:
   Skin contact my aggravate existing skin disease. Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis.
ed. Exposure Symptoms:
   - Irritation to skin and eyes.
e. Carcinogenicity:
   This chemical is not considered to be carcinogenic by NTP, IARC, OSHA, or ACGIH.

12. Ecological Information

a. Ecotoxicity Data:
   - Fish LC50 - 96h: 6.8 mg/l - Cyprinus carpio (Carp)
   - Daphnia EC50 - 48h: 234 mg/l - Daphnia magna (Water Flea)
   - Aquatic Plants: ErC50 - 72h: 87 mg/l - Psuedokirchneriella subcapitata
   - Microorganisms: EC 50 - 3 h: 2,600 mg/l
   - NOEC - 3 h: 1,000 mg/l (activated sludge)
b. Persistence and Degradation: No Information Available

c. Bioaccumulative Potential: Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

### 13. Disposal Considerations

a. Disposal Methods: Not classified as a hazardous waste. Should not be released into the environment. Do not let product enter drains. Dispose of according to applicable environmental regulations. All wastes must be handled in accordance with local, state, and federal regulations. Regulations vary by location.

### 14. Transportation

a. UN Proper Shipping Name: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DISODIUM COCOAMPHODIPROPIONATE), 9, III

b. Transport Hazard Class: 9

c. Environmental Hazards: N/A

### 15. Regulations

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

a. TSCA Status: y (positive listing)

b. Prop 65: WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm. Methanol

c. Clean Air Act, Section 112: This product does not contain any Hazardous Air Pollutants (HAPs).

d. SARA 302 Extremely Hazardous Substance: No

e. SARA 311 Hazardous Substance: Yes

### 16. Other Information

Revision Date: 6/14/2016

Prepared by: Taylor Morgan

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