Material Safety Data Sheet

Product code: JJCUS12647-077
Revision date: 05-14-2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Supplier:
Johnson and Johnson Consumer Companies, Inc.
199 Grandview Road
Skillman, NJ
08558-9418

Customer service telephone: 1-866-565-2229
Emergency telephone number: For 24-hour emergency assistance, call the 3E Company at 1 (877) 236-9871. Provide the technician with the following product tracking code: 2277.

Product name: For APR Purposes Only - Johnson's Baby Shampoo
Product code: JJCUS12647-077
Formula: 12647-077
Identified use: For external use only.

2. HAZARDS IDENTIFICATION

Emergency overview: This product formulation contains no ingredients at their given percentages that are considered hazardous to your health.

Properties affecting health: There are no known properties to affect one's health.

Drugs and cosmetics are not subject to the Hazardous Products Act (WHMIS).

Principle routes of exposure:
- Eye Contact: Contact with eyes may cause irritation.
- Skin contact: No effects expected.
- Ingestion: Not Available
- Inhalation: Not Available

Physico-chemical properties: No hazards resulting from the material as supplied.

Hazard information:
- Target Organ(s): No significant organ toxicity expected.
- Reproductive effects: No effects expected.
- Mutagenic effects: No effects expected.
- Sensitization: Sensitization is not expected.

Signs and symptoms: None.

Medical conditions aggravated by exposure: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS Number</th>
<th>Synonyms</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl Betaine</td>
<td>61789-40-0</td>
<td></td>
<td>1-5</td>
</tr>
<tr>
<td>Sodium Trideceth Sulfate</td>
<td>25446-78-0</td>
<td></td>
<td>1-5</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Eye contact: In the case of contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical attention.

Skin contact: In the case of skin irritation or allergic reactions see a physician.

Ingestion: If ingested, seek medical attention immediately and show the label.

Inhalation: Move to fresh air immediately. If experiencing difficulty breathing, seek medical attention.

Protection of first-aiders: Wear suitable gloves and eye/face protection.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use any extinguishing media which is suitable for the surrounding fire.

Extinguishing media which must not be used for safety reasons: None.

Special protective equipment for firefighters: Wear a self-contained breathing apparatus and full protective gear.

Specific methods: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation.

Environmental precautions: No special environmental precautions required.

Methods for cleaning up: Wipe up with absorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Handling:
- Technical measures/precautions: No special technical protective measures required.
- Safe handling advice: None under normal processing.

Storage:
- Technical measures/storage conditions: Must be stored at 40-80°F, not to exceed 100°F and do not freeze.
- Incompatible products: No special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Ensure adequate ventilation.

Personal protective equipment:
- Eye protection: Eye and face protection recommended when manufacturing product.
- Hand protection: Protective gloves recommended when manufacturing product.
- Skin and body protection: Wear suitable protective clothing, gloves and eye/face protection when manufacturing product.
- Respiratory protection: None required.
- Other/general protection: None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance: Clear liquid

Color: Gold to pale yellow

Odor: Floral, fruity

Company: Johnson & Johnson

Product name: For APR Purposes Only - Johnson's Baby Shampoo

Product code: JJCUS12647-077
Important Health Safety and Environmental Information

<table>
<thead>
<tr>
<th>Flash point:</th>
<th>Not determined.</th>
<th>Boiling point/range:</th>
<th>No information available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH:</td>
<td>4.8 - 5.8</td>
<td>Water solubility:</td>
<td>Soluble</td>
</tr>
</tbody>
</table>

Other information

Explosivity: None.

10. STABILITY AND REACTIVITY

- Chemical stability: Stable under recommended storage conditions.
- Materials to avoid: None known.
- Conditions to avoid: Temperatures below 10°C or above 40°C
- Hazardous polymerization: Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- Eye contact: May cause eye irritation.
- Skin contact: Not available.
- Ingestion: Not available.
- Inhalation: Not available.

<table>
<thead>
<tr>
<th>Components</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 (mg/m³) Inhalation</th>
<th>LC50 (ppm) Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl Betaine (1-5%) 61789-40-0</td>
<td>4900 mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sub-Chronic/Chronic Toxicity

- No repeat dose data available.

Specific effects

- Target Organ(s): No significant organ toxicity expected.
- Reproductive effects: Not available.
- Developmental effects: Not available.
- Carcinogenic effects: Not expected to be carcinogenic.
- Genotoxic effects: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

- Ecotoxicity effects: This product has no known eco-toxicological effects.
12. ECOLOGICAL INFORMATION
Aquatic toxicity effects: This product has no known aquatic toxicological effects.

13. DISPOSAL CONSIDERATIONS
Waste from residues / unused products: Waste disposal must be in accordance with appropriate US, Federal, State and International regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.
Contaminated packaging: None.

14. TRANSPORT INFORMATION
Product not regulated by DOT, IATA/ICAO, IMO/IMDG, ADR/RID, or TDG.

15. REGULATORY INFORMATION
SARA (311, 312) hazard class
Immediate health: None.
Delayed health: None.
Fire: None.
Sudden Release of Pressure Hazard: None.
Reactivity: None.

State Regulations

International Inventories

<table>
<thead>
<tr>
<th>Components</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
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<tbody>
<tr>
<td>Cocamidopropyl Betaine (1-5%)</td>
<td>X</td>
<td>X</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Sodium Trideceth Sulfate (1-5%)</td>
<td>X</td>
<td>X</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

WHMIS:
WHMIS trade secret: None.
WHMIS hazard class: Drugs and cosmetics are not subject to the Hazardous Products Act (WHMIS).

Notes:
1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensations and Liability Act.
4. TSCA = Toxic Substance Control Act.
5. WHMIS = Canadian Workplace Hazardous Materials Information System.
6. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. OTHER INFORMATION
This data sheet contains changes from the previous version in section(s):
None.

MSDS format:
- North American Format - U.S. and Canada
This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1-2004.
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End of Safety Data Sheet