Section 1. Chemical Product and Company Identification

Product name: SHELL SHOCK
Product use: Heavy Duty Hand Cleaner
Product code: 0849
Date of issue: 10/02/13
Supersedes: 10/21/10

Emergency Telephone Numbers
For MSDS Information:
Technical Services Group
Telephone (780) 453-8100
(Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency
CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

Prepared By
Technical Services Group
11627 178th Street
Edmonton, Alberta T5S 1N6

Section 2. Hazards Identification

Emergency overview
Not expected to produce significant adverse health effects when the recommended instructions for use are followed.
No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.
NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects Routes of Entry Not applicable.

Eyes
May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin
May cause sensitization by skin contact. May cause allergic reactions in certain individuals.

Inhalation
Inhalation not likely under normal use conditions.

Ingestion
May cause mild gastric irritation, abdominal spasms, nausea and faintness.

Chronic effects
Not available.

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Name of Hazardous Ingredients</th>
<th>CAS number</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALKYL (C16-C18) METHYL ESTERS</td>
<td>67784-80-9</td>
<td>10 - 30</td>
</tr>
<tr>
<td>HEXYLENE GLYCOL; 2-methyl-2,4-pentanediol; 2,4-dihydroxy-2-methylpentane; 1, 2-hexanediol</td>
<td>107-41-5</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin Contact
This product is formulated for use on the skin. Discontinue use if irritation and redness develop.

Inhalation
Inhalation not likely under normal use conditions.

Ingestion
If swallowed, do not induce vomiting unless directed to do so by medical personnel. Call local Poison Control Center for assistance.
Section 5. Fire Fighting Measures

Flash Point Not determined.
Flammable Limits Not available.
Flammability Non-combustible.
Auto-ignition Temperature Not determined.
Flash Point Not available.
Flammable Limits Not available.

Fire-Fighting Procedures Use dry chemical, CO₂, water spray (fog) or foam.
Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst.

Section 6. Accidental Release Measures

Spill Clean up Absorb with an inert material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling Avoid contact with eyes.
Storage Keep container tightly closed in a cool, well-ventilated place. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name Exposure limits

Personal Protective Equipment (PPE)
Eyes No special protection is required.
Hands and No special protective clothing is required.
Body
Respiratory No respiratory protection needed under normal use conditions.

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not available.</td>
<td>Vapor Pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.024</td>
<td>Vapor Density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Emulsifies in water.</td>
<td>Evaporation Rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not determined.</td>
<td>VOC (Consumer)</td>
<td>0 (g/l).</td>
</tr>
</tbody>
</table>

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.
Incompatibility No incompatible product according to our database.
Hazardous Polymerization Will not occur.
Hazardous Decomposition Products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Carcinogenicity No known significant effects or critical hazards.

Acute Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not available.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 12. Ecological Information

Environmental Effects  No known significant effects or critical hazards.

Aquatic Ecotoxicity  
Not available.

Section 13. Disposal Considerations

Waste Information  Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream  Code: - (None.)
Classification: - (Non-hazardous waste)

Section 14. Transport Information

<table>
<thead>
<tr>
<th>Regulatory information</th>
<th>UN number</th>
<th>Proper shipping name</th>
<th>Classes</th>
<th>PG*</th>
<th>Label</th>
<th>Additional information</th>
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</thead>
<tbody>
<tr>
<td>TDG Classification</td>
<td>Not regulated.</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>IMDG Class</td>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG*: Packing group

Section 15. Regulatory Information

Canada

WHMIS (Canada)  Not controlled under WHMIS (Canada).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.