1. Product and Company Identification

Company
BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

24 Hour Emergency Response Information
CANUTEC (reverse charges): (613) 996-6666
BASF HOTLINE: (800) 454-COPE (2673)

Synonyms: Alkylpolyglucoside

2. Composition/information on ingredients

General chemical description:
Alkylpolyglucoside

<table>
<thead>
<tr>
<th>COMPONENT: Alkylpolyglycoside C8-10</th>
<th>CAS-No. 68515-73-1</th>
<th>LD50 oral (rat): &gt; 2,000 mg/kg</th>
<th>LD50 dermal (rabbit): &gt; 2,000 mg/kg</th>
<th>LC50 inhalative: No data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concentration (Wt. %):</td>
<td></td>
<td>&gt;= 15 - &lt;= 40</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>COMPONENT: Alkylpolyglycoside C10-16</th>
<th>CAS-No. 110615-47-9</th>
<th>LD50 oral (rat): &gt; 2,000 mg/kg</th>
<th>LD50 dermal (rabbit): &gt; 2,000 mg/kg</th>
<th>LC50 inhalative: No data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concentration (Wt. %):</td>
<td></td>
<td>&gt;= 10 - &lt;= 30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Hazards identification

**EMERGENCY OVERVIEW**

**Warning:** Causes skin and eye irritation.

**Delivery state:** liquid
State: liquid

Odor: almost odourless

Color(s): yellowish

Routes of entry:
Skin contact

Potential Health Acute Effects:
Inhalation:
No information available

Skin contact:
Causes skin irritation.

Eye contact:
Causes eye irritation.

Ingestion:
Considered practically non-toxic.

Potential Chronic Health Effects:
None known

4. First aid measures

After inhalation:
Immediately remove victim to fresh air.
If breathing has stopped, administer artificial respiration.
Seek medical attention immediately.

After skin contact:
Rinse with plenty of water.
Remove contaminated clothes.
Wash clothing before reuse.
Seek medical attention immediately.

After eye contact:
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Do not rub eyes; mechanical action may cause corneal damage.
Seek medical attention immediately.

After ingestion:
Call a physician or poison control center immediately.

5. Fire fighting measures

Flash point:
> 200.12 °F (> 93.40 °C)
; Flash Point, Pensky-Martens

Flammable/Explosive limits:
Lower limits:
Not determined.
Upper limits: Not determined.

Suitable extinguishing media:
Water Spray
Foam
Carbon dioxide
Dry Chemical

Unusual fire or explosion hazards:
None known

Hazardous combustion products:
carbon monoxide, Carbon dioxide.

Additional fire fighting advice:
In case of fire, keep containers cool with water spray.
If a spill or leak has not ignited, use water spray to disperse the vapors.
Water spray may be used to flush spills away from fire.

6. Accidental release measures

Personal precautions:
Wear adequate personal protective clothing and equipment.

Environmental precautions:
Add dry material to absorb spill (if large spill, dike to contain).

Methods for cleaning and take-up:
Pick up spilled material and containerize for recovery or disposal.
Flush area with water to remove residues.

7. Handling and storage

Handling:
Handling advice:
Ensure adequate ventilation.

Storage:
Storage conditions to keep:
Store in sealed original container.
Store in a cool, frost-free place.

Safe storage temperatures:
Lower temperature limit: 0 °C (32°F)

8. Exposure controls/personal protection

Indication for system design:
No particular measures required.
Personal protection measures:

Respiratory protection:
- Not applicable with adequate ventilation.
- NIOSH/MSHA approved respirator if necessary.
- Follow manufacturer's recommendations.

Hand protection:
- Protective gloves made of plastic.
- Protective gloves made of rubber.

Eye protection:
- Wear tight fitting goggles.
- Face shield

9. Physical and chemical properties

General description:
- Delivery state: liquid
- State: liquid
- Odor: almost odourless
- Color(s): yellowish

Designation:
- pH-value: 11.5 - 12.5
- Value: no information

Boiling point: > 100 °C (> 212°F)
Melting point: Not applicable
Density: 1.10 g/cm³
Solubility in Water: Complete, Soluble in All Proportions

10. Stability and reactivity

Stability:
- No decomposition if used according to specifications.

Reactivity:
- Materials to avoid: Oxidizers, Strong Acids
- Hazardous polymerization: Will not occur

11. Toxicological information

Acute oral toxicity:
- LD50 > 2000 mg/kg body weight

Skin irritation:
- irritating
12. Ecological information

   **Acute fish toxicity:**
   LC50 > 10 - <= 100 mg product/l.

   **Acute bacterial toxicity:**
   EC0 > 100 mg product/l.

   **Ultimate biodegradation:**
   Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO2 liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for ‘readily degradable’ (e.g. to OECD method 301) are reached.

13. Disposal considerations

   **Waste disposal of product:**
   Dispose of in an approved landfill in accordance with federal, state / provincial and local regulations.

   **Waste disposal of packaging not cleansed:**
   Since emptied container retains product residue, all labeled hazard precautions must be observed.

14. Transport information

   **General information:**
   Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

15. Regulatory information

   This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.

   **DSL Inventory Status:**
   This product or all of its components are currently listed on the Domestic Substances List (DSL), as described under the Canadian Environmental Protection Act.

   **WHMIS hazard class:**
   D.2.B ,
16. Other information

<table>
<thead>
<tr>
<th>NFPA Rating (US)</th>
<th>Value</th>
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<tbody>
<tr>
<td>Health</td>
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<tr>
<td>Fire</td>
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<tr>
<td>Reactivity</td>
<td>0</td>
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<tr>
<td>Special Hazard</td>
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</tbody>
</table>

Prepared by:
Regulatory Affairs; Phone: 905-542-7551; Fax: 905-542-7583

SDS Prepared by:
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msds@basf.com
BASF HOTLINE (800) 454 – COPE (2873)
SDS Prepared on: 22.02.2013

The content of this Safety Data Sheet (SDS) is based on an existing document from an acquired company with adaptations to Section I. The data is currently under validation.

END OF DATA SHEET