1. Product and company identification

<table>
<thead>
<tr>
<th>Trade name of product</th>
<th>EXEC 120</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product use</td>
<td>Laundry detergent</td>
</tr>
<tr>
<td>Product dilution info</td>
<td>Up to 20 oz/50 gal or 30 g/L in water</td>
</tr>
<tr>
<td>Supplier's info</td>
<td>Ecolab Inc. Institutional Division 370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326</td>
</tr>
<tr>
<td>Code</td>
<td>901414-05</td>
</tr>
<tr>
<td>Date of issue</td>
<td>11-December-2012</td>
</tr>
</tbody>
</table>

EMERGENCY HEALTH INFORMATION: 1-800-328-0026 Outside United States and Canada CALL 1-651-222-5352 (in USA)

2. Hazards identification

**Product AS SOLD**

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency overview</td>
<td>DANGER !</td>
</tr>
</tbody>
</table>

**CAUTION !**

**NO SPECIFIC HAZARD.**

**Product AT USE DILUTION**

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency overview</td>
<td>CAUTION !</td>
</tr>
</tbody>
</table>

**NO SPECIFIC HAZARD.**

Potential acute health effects

**Product AS SOLD**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Corrosive to eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Corrosive to the skin.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Severely irritating to the respiratory system.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Causes burns to mouth, throat and stomach.</td>
</tr>
</tbody>
</table>

See toxicological information (Section 11)

3. Composition/information on ingredients

**Product AS SOLD**

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>% by weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SODIUM CARBONATE</td>
<td>497-19-8</td>
<td>20 - 50</td>
</tr>
<tr>
<td>alcohols, c12-16, ethoxylated</td>
<td>68551-12-2</td>
<td>5 - 20</td>
</tr>
<tr>
<td>sodium perborate, monohydrate</td>
<td>10332-33-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>SODIUM METASILICATE</td>
<td>6834-92-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>precipitated silica</td>
<td>112926-00-8</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>
3. Composition/information on ingredients

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

4. First aid measures

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.</td>
</tr>
</tbody>
</table>

5. Fire-fighting measures

**Product AS SOLD**

- **Hazardous thermal decomposition products**: Decomposition products may include the following materials:
  - Carbon dioxide
  - Carbon monoxide
  - Nitrogen oxides
  - Metal oxide/oxides

- **Fire-fighting media and instructions**: Use dry chemical powder.
  - Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. Dike area of fire to prevent runoff. Fine dust clouds may form explosive mixtures with air.

**Product AT USE DILUTION**

- **Hazardous thermal decomposition products**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

**Product AS SOLD**

- **Personal precautions**: Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.

**Environmental precautions**: Avoid contact of spilled material and runoff with soil and surface waterways.

**Product AT USE DILUTION**

- Use personal protective equipment as required.

- Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
6. Accidental release measures

Methods for cleaning up: If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up. Use a water rinse for final clean-up.

7. Handling and storage

Handling: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.


8. Exposure controls/personal protection

Engineering measures: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Personal protection

Eyes: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Hands: Use chemical-resistant, impervious gloves.

Skin: Use synthetic apron, other protective equipment as necessary to prevent skin contact.

Respiratory: Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No special protection is required.

9. Physical and chemical properties

Physical state: Powder

Flash point: > 100°C

Product does not support combustion.

Color: White with colored particles

Odor: Odorless

pH: 10.9 to 11.9 [Conc. (% w/w): 1%]

ACGIH TLV (United States, 2/2010).

NIOSH REL (United States, 6/2009).

Liquid.

> 100°C

Colorless

Odorless

10.5 to 11.2
9. Physical and chemical properties

Boiling/condensation point: >100°C (>212°F)

Dispersibility properties: Dispersible in the following materials: hot water. Partially dispersible in the following materials: cold water.

Solubility: Soluble in the following materials: hot water. Partially soluble in the following materials: cold water.

10. Stability and reactivity

Product AS SOLD

Stability: The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

Reactivity: Reactive or incompatible with the following materials: metals and acids. Slightly reactive or incompatible with the following materials: organic materials.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological information

Potential acute health effects

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Corrosive to eyes.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Corrosive to the skin.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Severely irritating to the respiratory system.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Causes burns to mouth, throat and stomach.</td>
</tr>
</tbody>
</table>

Product AS SOLD

Potential chronic health effects

Reproductive toxicity: Contains material which may cause reproductive effects based on animal data.

Developmental effects: Contains material which may cause developmental abnormalities, based on animal data.

Other adverse effects

Target organs: Contains material which may cause damage to the following organs: upper respiratory tract, eyes.

12. Ecological information

Ecotoxicity: Not reported

13. Disposal considerations

Waste disposal

Product AS SOLD: Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Product AT USE DILUTION: Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Product AS SOLD
DOT
DOT Classification  Not regulated.

IMO/IMDG
IMO/IMDG Classification  Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

Product AT USE DILUTION
Not intended for transport.

15. Regulatory information

Product AS SOLD

HCS Classification  Corrosive material  Target organ effects

Product AT USE DILUTION

Not regulated.

U.S. Federal regulations

TSCA 8(b) inventory  All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances:  No listed substance
SARA 302/304 emergency planning and notification:  No listed substance

SARA 313
Form R - Reporting requirements  No listed substance

California Prop. 65  No listed substance

16. Other information

Product AS SOLD

Hazardous Material Information System (U.S.A.)

Product AT USE DILUTION

Health 0 0 0
Flammability 0 0 0
Physical hazards 0 0 0

National Fire Protection Association (U.S.A.)

Health 3 0 0
Flammability Instability/Reactivity Special
Health 0 0 0
Flammability Instability/Reactivity Special
16. Other information

Date of issue : 11-December-2012
Responsible name : Regulatory Affairs
                  1-800-352-5326

Indicates information that has changed from previously issued version.

Notice to reader
The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.