MATERIAL SAFETY DATA SHEET

PRODUCT NAME: LAUNDRY DETERGENT with SAFE BLEACH & ENZYMES
PRODUCT CODE: PRO•534C PRO•541C

1. PRODUCT INFORMATION

SUPPLIER: As above
PRODUCT USE: Laundry Detergent with Safe Bleach & Enzymes
CHEMICAL IDENTITY: Mixture
CAS No. and NAME: Not applicable
FORMULA and M.Wt.: Not applicable
EMERGENCY PHONE NO.: 613-996-6666 CANUTEC (COLLECT)

2. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL IDENTITY</th>
<th>CAS#</th>
<th>CONC.(W/W)</th>
<th>TOXICITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Alkyl Benzene Sulphonate</td>
<td>68081-92-0</td>
<td>10 – 30%</td>
<td>LD₅₀ oral rat = 1260 mg/kg</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>6834-92-0</td>
<td>1 – 5%</td>
<td>LD₅₀ oral rat = 1280 mg/kg</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>15 – 40%</td>
<td>LD₅₀ oral rat = 2800 mg/kg</td>
</tr>
<tr>
<td>Sodium Carbonate Peroxhydrate</td>
<td>15630-89-4</td>
<td>10 – 30%</td>
<td>LD₅₀ oral rat = 2000 mg/kg</td>
</tr>
</tbody>
</table>

3. PHYSICAL DATA

PHYSICAL STATE: Powder
APPEARANCE AND ODOR: White powder, lemon scent, packaged in water soluble pouches
ODOR THRESHOLD: Not available
SPECIFIC GRAVITY: Not applicable
BOILING POINT: Not applicable
FREEZING POINT: Not applicable
PH: 1% Solution: 9.0
DENSITY (g/ml): 0.79
WATER SOLUBILITY: Complete

4. FIRE OR EXPLOSION HAZARDS

CONDITIONS OF FLAMMABILITY: Oxygen evolution as a result of decomposition may burst containers and accelerate the burning rate of other combustible materials.
MEANS OF EXTINCTION: Water, alcohol foam, dry chemical.
FLASHPOINT AND METHOD OF DETERMINATION: Not applicable
UPPER FLAMMABLE LIMIT: Not applicable
LOWER FLAMMABLE LIMIT: Not applicable
AUTO-IGNITION TEMPERATURE: Not applicable
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, sulphur dioxide, oxides of nitrogen, decomposition releases oxygen.
EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: No Data
EXPLOSION DATA - SENSITIVITY TO STATIC DISCHARGE: No Data

5. REACTIVITY DATA

CHEMICAL STABILITY: Stable
INCOMPATIBLE SUBSTANCES: Strong acids, strong oxidizing agents.
CONDITIONS OF REACTIVITY: Prolonged contact with aluminum, copper, tin, lead or zinc may liberate flammable hydrogen gas.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulphur dioxide, oxides of nitrogen, decomposition releases oxygen.
6. TOXICOLOGICAL PROPERTIES:

EFFECTS OF ACUTE EXPOSURE: Product is sold in water soluble pouches. Direct contact with powder is unlikely under normal use conditions. However, under unusual or upset conditions:

- EYE CONTACT: Irritant, prolonged contact may cause permanent eye injury.
- SKIN CONTACT: May cause drying of the skin, irritation.
- INHALATION: Dust may cause irritation – unlikely to occur due to packaging. Some sensitive individuals may develop allergic type reactions to enzymes.
- INGESTION: May cause nausea, vomiting, diarrhea and abdominal pain.

EFFECTS OF CHRONIC EXPOSURE: No data but expected similar to acute.

EXPOSURE LIMITS: Not established.

IRRITANCY OF PRODUCT: Eye and skin irritant.

SENSITIZATION TO MATERIAL: Information not available

CARCINOGENICITY: Not listed as a carcinogen by IARC, ACGIH or NTP.

REPRODUCTIVE TOXICITY: No information is available and no adverse effects are expected.

TERATOGENICITY: No information is available and no adverse effects are expected.

MUTAGENICITY: No information is available and no adverse effects are expected.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not known to have synergistic effects.

7. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Protective eye wear if contact likely to occur.

ENGINEERING CONTROLS: Normal ventilation adequate.

HANDLING PROCEDURE and EQUIPMENT: Do not store near incompatible substances.

STORAGE REQUIREMENTS: Store in a cool, dry area.

SPECIAL SHIPPING INFORMATION: Not regulated by TDG.

PROCEDURES FOR HANDLING LEAKS OR SPILLS: Stop leak at source, sweep up and remove.

WASTE DISPOSAL: Dispose of waste at an approved waste disposal facility (incineration is suitable) in accordance with applicable local, provincial or federal regulations.

8. FIRST AID MEASURES:

Direct contact with powder is unlikely under normal use conditions. However, under unusual or upset conditions:

- EYES: Wash with large amounts of water.
- SKIN: Immediately flush with large amounts of running water, lifting eyelids. Seek medical attention.
- INGESTION: Do not induce vomiting. Give large amounts of water to dilute. Seek medical attention.

Date: December 2014

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