SAFETY DATA SHEET
Boost
According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, December 2011

SECTION 1: Identification: Product identifier and chemical identity

Product identifier
Product name Boost
Internal identification BOOST

Relevant identified uses of the substance or mixture and uses advised against
Application Powdered Carpet Pre-spray
Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet
Supplier Sampson Chemical Products
42 Redcliffe Gardens Drive
Clontarf, QLD, 4019
+61 7 3283 4511
sampson_office@bigpond.com

Contact Person Poisons Information 131126 or Brennan Stark 0428 835 855
Manufacturer Eco Pro Australia Pty Ltd
42 Redcliffe Gardens Drive, Clontarf, QLD, 4019
+61 7 3283 4511
sampson_office@bigpond.com

Emergency telephone number
Emergency telephone Poisons Information 131126 or Brennan Stark 0428 835 855

SECTION 2: Hazard(s) identification

Classification of the substance or mixture
Physical hazards Not Classified
Health hazards Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318
Environmental hazards Not Classified

Label elements
Pictogram

Signal word Danger
Hazard statements H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
Boost

Precautionary statements

P260 Do not breathe dust.
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.
    Rinse skin with water/ shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/ physician.
P321 Specific treatment (see medical advice on this label).
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

Contains

Sodium Percarbonate, Sodium Metasilicate Pentahydrate

Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition and information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Sodium Percarbonate</th>
<th>10-30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 15630-89-4</td>
<td></td>
</tr>
</tbody>
</table>

Classification

Ox. Sol. 2 - H272
Acute Tox. 4 - H302
Eye Dam. 1 - H318

<table>
<thead>
<tr>
<th>Sodium Metasilicate Pentahydrate</th>
<th>10-30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 10213-79-3</td>
<td></td>
</tr>
</tbody>
</table>

Classification

Skin Corr. 1B - H314
STOT SE 3 - H336

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

Description of first aid measures

General information

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.
**Boost**

**Ingestion**
Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention.

**Skin Contact**
Rinse with water.

**Eye contact**
Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

**Protection of first aiders**
First aid personnel should wear appropriate protective equipment during any rescue.

**New category**

**Most important symptoms and effects, both acute and delayed**

**General information**
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**
No specific symptoms known.

**Ingestion**
May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.

**Skin contact**
Redness. Irritating to skin.

**Eye contact**
Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

**Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor**
Treat symptomatically.

**SECTION 5: Firefighting measures**

**Extinguishing media**

**Suitable extinguishing media**
The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Special hazards arising from the substance or mixture**

**Specific hazards**
This product is toxic.

**Hazardous combustion products**
Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

**Advice for firefighters**

**Protective actions during firefighting**
Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters**
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

**Hazchem Code**
2X
**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**
Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk.

**Environmental precautions**
Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

**Methods and material for containment and cleaning up**

**Methods for cleaning up**
Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Provide adequate ventilation. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

**Reference to other sections**
For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

**SECTION 7: Handling and storage, including how the chemical may be safely used**

**Precautions for safe handling**

**Usage precautions**
Read and follow manufacturer’s recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

**Advice on general occupational hygiene**
Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibilities**

**Storage precautions**
Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

**Storage class**
Toxic storage.

**Specific end use(s)**
The identified uses for this product are detailed in Section 1.2.

**SECTION 8: Exposure controls and personal protection**

**Control parameters**

**Exposure controls**

**Protective equipment**

**Appropriate engineering controls**
Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.
Boost

Eye/face protection
Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection
Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection
Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures
Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection
Ensure all respiratory protective equipment is suitable for its intended use and complies with Australia/New Zealand Standard AS/NZS 1716. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Full face mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716. Half mask and quarter mask respirators with replaceable filter cartridges should comply with Australia/New Zealand Standard AS/NZS 1716.

Environmental exposure controls
Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Medium Density Powder</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow-white.</td>
</tr>
<tr>
<td>Odour</td>
<td>Fragrant.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.02</td>
</tr>
<tr>
<td>Solubility Value (g/100g H2O 20°C)</td>
<td>Completely soluble in water.</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

Reactivity
There are no known reactivity hazards associated with this product.

Stability
Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

Possibility of hazardous reactions
No potentially hazardous reactions known.

Conditions to avoid
There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Boost

**Hazardous decomposition products**
Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

---

### SECTION 11: Toxicological information

**Information on toxicological effects**

#### Acute toxicity - oral

<table>
<thead>
<tr>
<th>Notes (oral LD₅₀)</th>
<th>Acute Tox. 4 - H302 Harmful if swallowed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE oral (mg/kg)</td>
<td>2,000.0</td>
</tr>
</tbody>
</table>

#### Acute toxicity - dermal

<table>
<thead>
<tr>
<th>Notes (dermal LD₅₀)</th>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Acute toxicity - inhalation

<table>
<thead>
<tr>
<th>Notes (inhalation LC₅₀)</th>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Skin corrosion/irritation

<table>
<thead>
<tr>
<th>Animal data</th>
<th>Irritating.</th>
</tr>
</thead>
</table>

#### Serious eye damage/irritation

<table>
<thead>
<tr>
<th>Eye Dam. 1 - H318 Causes serious eye damage.</th>
</tr>
</thead>
</table>

#### Respiratory sensitisation

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Skin sensitisation

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Germ cell mutagenicity

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Genotoxicity - in vitro

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Carcinogenicity

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Reproductive toxicity

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Reproductive toxicity - fertility

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Reproductive toxicity - development

<table>
<thead>
<tr>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
</table>

#### Specific target organ toxicity - single exposure

<table>
<thead>
<tr>
<th>STOT - single exposure</th>
<th>Not classified as a specific target organ toxicant after a single exposure.</th>
</tr>
</thead>
</table>

#### Specific target organ toxicity - repeated exposure

<table>
<thead>
<tr>
<th>STOT - repeated exposure</th>
<th>Not classified as a specific target organ toxicant after repeated exposure.</th>
</tr>
</thead>
</table>

#### Aspiration hazard

<table>
<thead>
<tr>
<th>Not relevant. Solid.</th>
</tr>
</thead>
</table>

#### General information

<table>
<thead>
<tr>
<th>The severity of the symptoms described will vary dependent on the concentration and the length of exposure.</th>
</tr>
</thead>
</table>

#### Inhalation

<table>
<thead>
<tr>
<th>No specific symptoms known.</th>
</tr>
</thead>
</table>

#### Ingestion

<table>
<thead>
<tr>
<th>May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.</th>
</tr>
</thead>
</table>
Boost

Skin Contact  Redness. Irritating to skin.
Eye contact  Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.
Route of entry  Ingestion Inhalation Skin and/or eye contact
Target Organs  No specific target organs known.

SECTION 12: Ecological Information

Ecotoxicity  Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.
Toxicity  Based on available data the classification criteria are not met.
Persistence and degradability  The degradability of the product is not known.
Bioaccumulative potential  No data available on bioaccumulation.
Mobility in soil  No data available.

SECTION 13: Disposal considerations

Waste treatment methods  The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods  Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

UN number
UN No. (ADG)  1759
UN No. (IMDG)  1759
UN No. (ICAO)  1759

UN proper shipping name  CORROSIVE SOLID, N.O.S. (CONTAINS Sodium Metasilicate Pentahydrate, Sodium Hydroxide)
Boost

Proper shipping name (IMDG)  CORROSIVE SOLID, N.O.S. (CONTAINS Sodium Metasilicate Pentahydrate, Sodium Hydroxide)

Proper shipping name (ICAO)  CORROSIVE SOLID, N.O.S. (CONTAINS Sodium Metasilicate Pentahydrate, Sodium Hydroxide)

Transport hazard class(es)

ADG class  8
ADG classification code  C10
ADG label  8
IMDG class  8
ICAO class/division  8

Transport labels

Packaging group

ADG packing group  II
IMDG packing group  II
ICAO packing group  II

Environmental hazards

Environmentally hazardous substance/marine pollutant No.

Special precautions for user

EmS  F-A, S-B
Hazchem Code  2X

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  Not applicable.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Inventories

Australia - AICS
None of the ingredients are listed or exempt.

SECTION 16: Any other relevant information

Training advice  Only trained personnel should use this material.

Revision date  28/06/2016
Revision  1
SDS No.  4690
Boost

General Information

The following risk and hazard statements are to be considered a glossary. They relate to the raw materials used in this product and therefore may not be accurate for the finished product itself. For the complete risk and hazard statements for this product please refer to section 2 of this Safety Data Sheet.

Hazard statements in full

- H272 May intensify fire; oxidizer.
- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.