



## Section 1: Identification of the Material and Supplier

**Product Name:** Spring

**Other Names:** Mixture of inorganic salts.

**Proper shipping name (ADG Code):** None assigned.

**Recommended use:** As a carpet cleaning and deodorising powder.  
Use as directed on the product label.

**Supplier:** Hunters Products (TAS) Pty. Ltd.,  
A.C.N. 004 601 263

**HEAD OFFICE**  
60 Gleadow Street,  
INVERMAY TAS 7248  
Tel: 03 6331 4755  
Fax: 03 6334 1065

**HOBART OFFICE**  
105 Albert Road,  
MOONAH TAS 7009  
Tel: 03 6228 7955  
Fax: 03 6228 7988

**BURNIE OFFICE**  
22 Pearl Street,  
WIVENHOE TAS 7320  
Tel: 03 6431 9627  
Fax: 03 6432 2083

**Emergency Phone Numbers:**

Transport/Fire Emergency: 000 (Emergency services)  
Medical Emergency: 131126 (Poisons Information Centre)

## Section 2: Hazards Identification

Not classified as hazardous according to criteria of Worksafe Australia.

Non-dangerous goods.

**Risk Phrases:** None assigned.

**Safety Phrases:** None assigned.

## Section 3: Composition/Information on Ingredients

**Ingredients:**

Mixed inorganic salts deemed not to be hazardous > 60 %  
Other ingredients deemed not to be hazardous to 100 %

## Section 4: First Aid Measures

**For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.**

**Swallowed:** If swallowed, do NOT induce vomiting.

**Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Inhaled:** Remove from exposure, rest and keep warm. Seek medical advice.

**First Aid facilities:**

Recommended: Eye wash. Hand wash basin.

**Advice to Doctor:**

Contains a mixture of sodium salts. May cause mild irritation to eyes and skin. Contact Poisons Information Centre.

**Aggravated medical conditions:**

No data found.

## Section 5: Fire Fighting Measures

**HAZCHEM Code:** None assigned.

**Evacuate:** No.

**Extinguishant:** Water.

**Risk of violent reaction or explosion:** No.

**Products of combustion:** Oxides of carbon.  
May generate oxides of sulphur at temperatures above 1,000 °C.

**Protective Equipment:** Breathing apparatus and protective gloves for fire only.

## Section 6: Accidental Release Measures

**Emergency Procedures:**

Contain.

**For large spills:**

Contain spillages with sand or earth. Transfer both liquid and solids to suitable container(s). Treat residues as for small spills.

**For small spills:**

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water.  
Otherwise, transfer to suitable container. Wash site of spillage thoroughly with water.

## Section 7: Handling and Storage

**Precautions for safe handling:**

Avoid contact with skin and eyes.  
Avoid breathing dust.  
Keep away from acids.

**Conditions for safe storage:**

Store in a cool, dry, well ventilated place, out of reach of children. Store in original container. Keep container tightly closed. Keep away from acids. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.

**Incompatibles:**

Acids.

## Section 8: Exposure Controls/Personal Protection

**National Exposure Standards:**

**ES-TWA:** None assigned by NOHSC.

**ES-STEL:** None assigned by NOHSC.

**ES-PEAK:** None assigned.

**Notations:** None assigned.

**Biological Limit Values:** No data found.

**Engineering Controls:**

Ensure adequate ventilation (same as outdoors) when using.  
If handling industrial quantities, or if dust risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

**Personal Protective Equipment:**

Avoid contact with skin and eyes. Avoid breathing dusts.  
Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

**Normal Use:**

Eye/face protection  
Gloves, rubber or plastic.

**Industrial Quantities:**

Dust mask  
Face shield or safety glasses  
Gloves, rubber or plastic  
Plastic apron, sleeves and boots  
Impervious overalls.

## Section 9: Physical and Chemical Properties

Appearance: White granular powder.  
Odour: Smell of lavender.  
pH: About 8  
Vapour Pressure: No data.  
Vapour Density: No data.  
Boiling Point: No data.  
Melting Point: No data.  
Volatiles: < 1 %  
Volatile Organic Compounds (VOC): < 1 %  
Evaporation Rate: No data.  
Solubilities: Soluble in water.  
Specific Gravity/Density: No data.  
Flash Point: None.  
Flammable Limits: None.  
Dust Explosion: Will not occur.  
Auto-ignition Temperature: No data.

### Other Information:

Hygroscopic, will absorb moisture from the air.  
Will react vigorously or violently with mineral acids, generating carbon dioxide, a simple asphyxiant.  
Spillages will be slippery when wet.

## Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions.  
**Conditions to Avoid:** Incompatible materials.  
**Incompatible Materials:** Acids.  
**Hazardous Decomposition Products:** Oxides of carbon, oxides of sulphur.  
**Hazardous Reactions:** Contact with acids will generate carbon dioxide.

## Section 11: Toxicological Information

### Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

**Acute:**

- Swallowed:** Likely to cause gastric upset, nausea, vomiting and diarrhoea. Large doses may cause distension of the stomach from generation of carbon dioxide, possible purging and fluid loss, blood in stools, a fall in blood pressure and other electrolyte disturbances.
- Skin:** May cause mild irritation. Will have a degreasing effect on the skin.

**Eyes:** May be irritating to eyes. May cause redness, itching and pain.

**Inhaled:** Dust may be irritating to the upper respiratory system.

**Chronic:** Prolonged or repeated skin contact may cause irritation. Prolonged absorption by ingestion or inhalation may lead to electrolyte disturbances.

**LD<sub>50</sub> :** Inorganic salt #1 5,989 mg/kg oral, mouse.

Inorganic salt #2 4,220 mg/kg oral, rat.  
3,360 mg/kg oral, mouse.

**TDLo:** Inorganic salt #2 1,260 mg/kg oral, infant  
- changes in sodium, urine volume increase, changes in lungs/thorax or respiration.  
20 mg/kg/5 days, man  
- nausea or vomiting, changes in potassium, metabolic acidosis.

## Section 12: Ecological Information

**Ecotoxicity:** No data.

**Persistence and degradability:** No data.

**Mobility:** Readily transported by water.

**Environmental Fate:** No data.

**Bioaccumulative potential:** No data.

**Other adverse environmental effects:** Local concentrations will affect salinity.

## Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal.

Consult appropriate local and State regulations.

**Disposal methods and containers:**

Avoid disposal to natural waters or the environment.

**Special precautions for landfill or incineration:**

Unsuitable for incineration.

## Section 14: Transport Information

**UN Number:** None assigned.

**UN Proper shipping name:** None assigned.

**Class and subsidiary risk:** None assigned.

**Packaging group:** None assigned.

**Special precautions for user:** None assigned.

**HAZCHEM Code:** None assigned.

**Material for export:** Not regulated.

## Section 15: Regulatory Information

**Poisons (SUSDP):** Not a scheduled poison.

**Dangerous Goods:** No.

**Carcinogen:**

	<b>Australia</b>	<b>IARC</b>	<b>NTP</b>	<b>RTECS</b>
	No.	No.	No.	No.

**Agricultural and Veterinary Chemicals Act:** Not applicable.

**Australian Inventory of Chemical Substances (AICS):** Listed.

**Other National/International Regulations:** No data.

## Section 16: Other information

**Date of MSDS update:** June 2008  
Complete review and re-write of all sections.

**Abbreviations:**  
NOHSC - National Occupational Health and Safety Commission.

**Literature references:**

**Other Available Sources of Data:**

*National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [2011(2003)] - NOHSC.*

*Australian Dangerous Goods Code.*

*Standard for the Uniform Scheduling of Drugs and Poisons - AHMAC.*

*Exposure Standards for Atmospheric Contaminants in the Occupational Environment [1003]- NOHSC.*

*List of Designated Hazardous Substances [10005] - NOHSC.*

*Merck Index - Merck Inc.*

*Sax's Dangerous Properties of Industrial Materials - Lewis.*

*Handbook of Toxic and Hazardous Chemicals and Carcinogens - Sittig.*

*Handbook of Reactive Chemical Hazards - Bretherick.*

*Hawley's Condensed Chemical Dictionary - Wiley Interscience.*

*AUSREG's Chemical Data Package for PCs - AUSREG Consultancy.*

