

# Material Safety Data Sheet

PRODUCT NAME **SNOW**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name** ECOSPILL  
**Address** PO Box 250, Kallangur, QLD, Australia, 4503  
**Telephone** (07) 3881 0554  
**Fax** (07) 3881 0032  
**Emergency** 0408 346 998  
**Web Site** <http://www.ecospill.com.au>  
**Synonym(s)** SN5 • SN1.2 • SN1.9  
**Use(s)** ABSORBENT • ABSORBENT FOR SPILLS  
**MSDS Date** 06 March 2008

## 2. HAZARDS IDENTIFICATION

NOT DANGEROUS ACCORDING TO DIRECTIVE 1999/45/EC

<b>UN No.</b>	None Allocated	<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Pkg Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>EPG</b>	None Allocated

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	EINECS	CAS No.	Content	Classification
POTASSIUM	Not Available	7440-09-7	Not Available	C;R34 F+;R14/15
SODIUM	231-132-9	7440-23-5	Not Available	C;R34 F+;R14/15
ALUMINIUM SILICATE	Not Available	Not Available	<90%	Not Available
WATER	231-791-2	7732-18-5	Not Available	Not Available

## 4. FIRST AID MEASURES

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

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

**Skin** Exposure is considered unlikely. Skin irritation is not anticipated.

**Ingestion** For advice, contact a Poison Information Centre on +61 2 9845 3111 (Sydney - Australia) or a doctor (at once). Ingestion is considered unlikely due to product form.

**Advice to Doctor** Treat symptomatically

## 5. FIRE FIGHTING MEASURES

**Flammability** Non flammable. May evolve toxic gases if strongly heated.

**Fire and Explosion** Non flammable. No fire or explosion hazard exists.

**Extinguishing** Non flammable.

**Hazchem Code** None Allocated

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## 6. ACCIDENTAL RELEASE MEASURES

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**Spillage** Collect and reuse where possible.

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## 7. STORAGE AND HANDLING

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**Storage** No special requirements for the storage of this product. Store between 0 and 45 C.

**Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Exposure Stds** ALUMINIUM SILICATE  
ES-TWA: 10 mg/m<sup>3</sup> (total dust)

**Engineering Controls** Do not inhale dust/ powder. Use with adequate natural ventilation. Where a dust inhalation hazard exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

**PPE** Wear dust-proof goggles and cotton or leather gloves. Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	WHITE POWDER	<b>Solubility (water)</b>	INSOLUBLE
<b>Odour</b>	ODOURLESS	<b>Specific Gravity</b>	0.08 to 0.2
<b>pH</b>	6.5 to 7.5 (3 % Solution)	<b>% Volatiles</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	NON FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT RELEVANT
<b>Boiling Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	NOT AVAILABLE
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT AVAILABLE	<b>Autoignition Temperature</b>	

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability** Stable under recommended conditions of storage.

**Conditions to Avoid** Avoid heat, sparks, open flames and other ignition sources.

**Material to Avoid** Compatible with most commonly used materials.

**Decomposition** May evolve toxic gases if heated to decomposition.

**Hazardous Reactions** Polymerization is not expected to occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Health Hazard Summary** Low toxicity. Use safe work practices to reduce eye or skin contact and dust generation - inhalation.

**Eye** Low irritant. Contact with dust / powder may result in mechanical irritation.

**Inhalation** Low irritant. A nuisance dust at high concentrations, over exposure may result in mucous membrane irritation of the nose and throat.

**Skin** Low irritant. Prolonged or repeated contact may result in mild irritation due to mechanical action.

**Ingestion** Exposure considered unlikely. Due to product form, ingestion is not considered a potential exposure route.

**Toxicity Data** No LD50 data available for this product.

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## 12. ECOLOGICAL INFORMATION

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**Environment** The main component/s of this product occur naturally in the earth's crust. It is not anticipated to cause any adverse effects to plants or animals.

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## 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal** Dispose of to an approved landfill site. Contact the manufacturer for additional information.

**Legislation** Dispose of in accordance with relevant local legislation.

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## 14. TRANSPORT INFORMATION

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**Not regulated for transport purposes**

**Shipping Name** None Allocated

**UN No.** None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated

**Pkg Group** None Allocated **Hazchem Code** None Allocated **EPG** None Allocated

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## 15. REGULATORY INFORMATION

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## 16. OTHER INFORMATION

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**Additional Information** ALUMINO SILICATES: When alumino silicates have been exposed to service temperatures exceeding 982 C for prolonged periods, cristobalite, a form of crystalline silica may be formed. Exposure to cristobalite dust may cause pulmonary fibrosis-silicosis. A hazard is only anticipated during demolition of used refractory materials. Cristobalite is classified as carcinogenic to humans (IARC Group 1).

REFRACTORY BRICKS: These bricks are used for use in high temperature applications. They are typically composed of alumino silicate complexes. They may only present a hazard if cut, drilled, sanded or abraded, thereby generating dust. After use at high temperatures the surfaces will contain high percentages of free silica. Precautions should be taken during maintenance, brick replacement or demolition to avoid dust exposure. Do not stack > 3 high on pallets. Store under plastic - they must be dry before application.

**ABBREVIATIONS:**

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m3 - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

TWA/ES - Time Weighted Average or Exposure Standard.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**Report Status** This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

**PRODUCT NAME SNOW**

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

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**End of Report**