

Snow Business Hollywood

818.884.3009

Quality Data Sheet

Snowcel – Chemical Free

Standard, Fine and other size variants.

Typical Data

Appearance:	As snow, with a varied particle size, which is dependent upon the grade selected for the effect required.
Colour:	Bright white or variants to order
Cellulose Content	100% (dry base)
Loose density	ca./approx 40 – 50 kg per m ³
Moisture	5 %
pH-value	7
Particle Size Distribution	variable depending upon grade (kajanni analysis available for any grade upon request)

Applications

This range of products is designed to simulate snow for use in filming or live events, at locations where the site may be particularly sensitive such as where organic farming regulations apply or on Sites of Special Scientific Interest where delicate ecological balances have to be maintained, or around fresh water springs where water is extracted for bottling and sale.

The chemical free range is not recommended for Stage use as there are no fire retarding salts to inhibit combustion. On location the risk of fire is minimal as the Snowcel is laid with water using high pressure jets.

Product codes

Standard	FSX	12kg / 26.4 lb compressed bales approx coverage 10 sq m / 10 sq yds
Fine	HSX	8kg / 17.6 lb compressed bales approx coverage 6.6 sq m / 7 sq yds

Other grades made to order, for example

SG04X

SG06X

SG08X (Equivalent to Fine as above)

SG10X

SG12X (Equivalent to Standard as above)

SG14X and so on.

SG denotes standard grade stock

The number indicates size, the larger the number the bigger the particle size

X denotes chemical free - ie no fire proofing salts

Material Safety Data Sheet

Snowcel – Chemical Free

In accordance with 91/155/EEC

1. Identification of substances

- 1.1 Trade Name: Snowcel Quality: see attached quality data sheet
1.2 Supplier: Snow Business, The Snow Mill, Ebley, Stroud, Glos GL5 4TR,
United Kingdom
1.3 Contact: David G Crownshaw
1.4 Telephone: +44 (0) 1453 840077

2.

Composition/Information on Ingredients

- 2.1 Chemical Nature Wood based cellulose
2.2 Dangerous Components Nil
2.3 Contributing Impurities Nil
2.4 Chemical Characterisation CAS No. 9004-34-6
EC No. E-460(ii)
EINECS 265-995-8
m%-range >99
3 Material Cellulose

3. Hazards identification

- 3.1 Cellulose Fibres (Paper) :
3.1.1 Mode of exposure - Dust
3.1.2 Hazardous classification - Irritant
3.1.3 HDS - Yes
3.1.4 Target Organs and Effects – Respiratory dust
3.1.5 OES/MEL/Etc – Respiratory dust is 5mg/m³

4. First aid

- 4.1 Eye contamination : Irrigate the eye with water

5. Fire-fighting measures

- 5.1 Water or foam extinguisher.
5.2 No toxic gases are emitted in the event of burning.

6. Disposal of Excess

- 6.1 Excess can be returned to store for future use.

7. Storage

- 7.1 Snowcel is compressed and supplied pre-packed in polythene bags. Stock should be stored in a dry place. The material is ready for direct application.

8. Work Activity Detail

- 8.1 Using prepared product to create Snow, Sand or Ash effects etc., for Television, Film or Video Productions.
8.1.1 Dressing: as fallen snow, beaches, desert, areas damaged by fire, volcanic regions etc.
8.1.2 Atmospheric: falling snow, blizzards, sand storms, volcanic fall-out etc.

9. Transport and Transfer

- 9.1 Delivered to location by general carrier.

10. Use/Handling of Substances

The material is placed into the snow blowing machine's hopper, where it is broken up and blown through a flexible plastic hose to where the machine operator is creating the required effect.

When working in a Studio environment a 'wet head' is fitted to the end of the hose which sprays a fine mist of water onto the paper as it emerges, killing the dust and creating adhesion. A 'wet collar' may also be fitted at the machine end of the hose to reduce dust levels further when required. Chemical free Snowcel is not fire proof and should only be used inside studios with caution.

Water pressure must be maintained at a minimum of 30 P.S.I. for dust reduction to be effective.

11. Disposal of Waste

- 11.1 Disposal in accordance with local regulations as general waste.
11.2 The material is biodegradable, remnants left on lawns or earth form a mulch.
11.3 Dust covers and other preparation work aid the clearing of sensitive sites.
11.4 Use of snow shovels before brooms eases clearing.

12. Existing Control Measures

- 12.1 Ventilation: When being applied in a studio or stage environment natural ventilation systems should be used. Mechanical systems should be filtered to protect them from excessive dust or over-spray. Chemical free Snowcel is not recommended for indoor use.

13. Personal Protective Equipment

- In confined and poorly ventilated areas the use of a simple Disposable Dust Mask is advisable.
13.1 Monitoring of Personal Protective Equipment: None used, disposable masks are discarded after use.

14. Monitoring of Engineering Controls

When working in a studio environment, using dust reduction equipment, water pressure must be maintained at a minimum of 30 P.S.I. to ensure the effectiveness of that equipment. If water pressure of 30 P.S.I. is not available from mains supply, pumps are to be substituted. Chemical free Snowcel is not designed for indoor use.

15. Welfare and Hygiene Provisions

Normal hygiene facilities to be available, ie. soap and water or showers.

16. Health and Safety Training

Copy of this assessment form to be shown to all operators. Operators to follow safety instructions in machinery operations manual.

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17. Special Training

All operators are trained in the safe use of blowing machinery and techniques of Snowcel

effect application.

18. Emergency Procedures

Spillage: Standard procedure for spilt water if run off occurs.

19. Adverse Effects on the Environment

On locations, excessive amounts of the product must be kept out of small streams as de-oxygenation of the water can occur with possible adverse effects on stream life.

20. Other Information

The statements in this bulletin were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

This product has been used on a great many locations including National Parks, Sites of Special Scientific Interest, land around drinking water springs and reservoirs. To date there has been no complaint to Snow Business regarding damage or untidiness following the use and removal of this product at any location.

Document updated 14 Feb 2003