

Material Safety Data Sheet SnowBoy Snow Fluid

4 Pages

1. Identification of substances

1.1 Trade Name: SnowBoy Fluid 'concentrate' (R107-14)
*and when the concentrate is diluted with 9 parts water it is called
SnowBoy Fluid 'ready to use'*

1.2 Supplier: Snow Business International Ltd, The Snow Mill, Ebley, Stroud, Glos GL5 4TR, United Kingdom.

1.3 Contact: Darcey E Crownshaw

1.4 Telephone: +44 (0) 1453 840077

1.5 Applications To create SnowBoy Snowflakes. These are self-clearing, 'dry' foam, artificial falling snowflakes produced by putting the fluid into a special electrically powered aerating machine.

2. Composition/Information on Ingredients

2.1 SnowBoy Fluid 'concentrate'
An aqueous blend of 15 - 30% biodegradable anionic/non-ionic surfactants with 15-30% unclassified glycol ether together with a trace of preservative.

2.2 SnowBoy Fluid 'ready to use'
As above, diluted down with 9 parts of water.

2.3 SnowBoy Snowflakes
As for SnowBoy Fluid 'ready to use' and pumped full of air so that each flake contains almost negligible water and even less 'concentrate'

3. Hazards identification

3.1 Special danger references for humans and the environment – not applicable.

3.2 When snowflakes are being produced, a small amount of liquid is involved, this can create a slip hazard if ice forms in freezing conditions.

4. First aid measures

4.1 SnowBoy Fluid 'concentrate'

Inhalation: If effected remove to fresh air.

Skin Contact: Wash with plenty of water. If irritation develops consult a physician. Wash contaminated clothing.

Eye Contact: Flush eyes with water for 15 minutes, if irritation persists obtain medical attention. Call physician if problem persists.

Ingestion: Wash mouth with water, drink water or milk. Never give a liquid to an unconscious person. Avoid causing patient to vomit. Obtain medical attention if in any doubt.

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	Classification	Not classified as "Dangerous" under the Chemicals (Hazard Information and Packaging for Supply) Regulations – CHIP
4.2	SnowBoy Fluid 'ready to use'	
	Skin Contact:	Wash with water if required.
	Eye Contact:	Flush eyes with water if required.
4.3	SnowBoy Snowflakes	Not applicable

5. Fire and explosion data

5.1	Fire:	No special requirements
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6. Accidental release measures.

6.1	SnowBoy Fluid 'concentrate'	Mop up small spills or dilute waste with plenty of water into porous ground (never to freshwater drains or waterways). Larger spills should be disposed of according to local authority regulations.
6.2	SnowBoy Fluid 'ready to use'	Leak and spill procedure: Treat as mildly soapy water. Mop or vacuum into a proper disposal spill container. Prevent large spills from entering freshwater drains and waterways
6.3	SnowBoy Snowflakes	Snowflake build-up. If a build up of snow foam occurs, leave it for a few minutes to evaporate.

7. Handling and storage.

7.1	SnowBoy Fluid 'concentrate'	Supplied in 2.5 litre and 20 litre containers Care should be taken to avoid splashes into eyes or prolonged repeated contact with skin. When spraying any chemical product, do not breathe spray and use only in well ventilated areas. Keep in closed containers. Keep from freezing.
7.2	SnowBoy Fluid 'ready to use'	Supplied in 2.5 litre and 20 litre containers Store away from incompatible materials

8. Personal protection

8.1	SnowBoy Fluid 'concentrate'	Skin	Wear waterproof gloves
		Eye	Wear splash goggles
		Respiratory	General ventilation.
8.2	SnowBoy Fluid 'ready to use'	Is more than 90% water. Snow Business still recommends	

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	Skin	Wear waterproof gloves if handling large amounts repeatedly for extended periods.
8.3	SnowBoy Snowflakes	<p>SnowBoy Snowflakes have been in use for more than 25 years over hundreds of thousands of people without a single incident being reported to Snow Business. Once aerated the snowflake effect introduces about 2ml of fluid per cu m of airspace, with around 125,000 snowflakes per cu m that means each snowflake will contain about .000016ml of fluid, over 90% of which is water, the rest is air. No personal protection is needed.</p>

9. Physical data and chemical properties

9.1 SnowBoy Fluid 'concentrate' and 'ready to use'.

pH	7.5
Physical state	Colourless clear liquid
Solubility in water	Completely miscible
Odour	Mild ethereal odour
Detergent grades	Biodegradable

10. Toxicological information

10.1 SnowBoy Fluid 'concentrate'

Route of entry	Eye, skin, inhalation, ingestion
Effects of acute exposure	
Eye	Contact can cause irritation
Ingestion	May cause irritation of the mouth and upper digestive tract.
Inhalation	It is undesirable to breath high concentrations of the vapour.
Skin	Prolonged or repeated exposure can cause slight irritation or de-fattening.

10.2 SnowBoy Fluid 'ready to use'

SnowBoy Fluid 'ready to use'

According to our experience and information provided to us there are no harmful effects expected under proper usage. Good hygiene should be practiced.

10.3 SnowBoy Snowflakes

SnowBoy Snowflakes are 98% air and water with a minimal amount of 'ready to use' fluid as above.

Eye	The snowflake is slow moving and visually large, people blink automatically to prevent snowflakes entering the eye, if one does enter the eye a simple blink removes it.
Skin	Even chronic exposure is extremely unlikely to have any effect on the skin.
Inhalation	If inhaled the snowflake will dissolve within the mouth or throat.
Ingestion	It is not possible to eat the snowflakes.

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12. Ecological information

12.1 SnowBoy Fluid 'concentrate'

This product contains surface-active agents that meet the European Union biodegradability information criteria.

Non toxic and biodegradable but keep out of waterways and sewers as its rapid biodegradation can deoxygenate water that may effect river-life.

12.2 SnowBoy Fluid 'ready to use'

Non-toxic, biodegradable but keep out of waterways as its rapid biodegradation can deoxygenate water and may effect river-life.

12.3 SnowBoy Snowflakes

It is good practice to keep excessive amounts out of water.

Avoid contamination in recirculation fountains as foaming may occur.

13. Disposal considerations

13.1 SnowBoy Fluid 'concentrate' and 'ready to use'.

The product has a very long shelf life, save and use, or

Return to Snow Business for re-use or

If dumping comply with local regulations

13.2 SnowBoy snowflakes

Not applicable.

13.3 Packaging

Empty as well as possible and re-use or return to Snow Business.

Comply with the national or regional authorities for disposal of plastic containers

14. Transport information

14.1 Not classified as hazardous for transportation.

15. Compilation date

11/09/2007

Darcey E Crownshaw

Date of last revision

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.

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