

# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY INFORMATION

**PRODUCT:** Snow Masters FG-100 Snow Fluid

**Use:** Imitation Snow

**COMPANY:** Snow Masters

**ADDRESS:** 154 – 158 Victoria St, Brunswick

**PHONE:** (03) 9387 7444

**E-MAIL:** [deansunshine@sunshinetrading.com](mailto:deansunshine@sunshinetrading.com)

**WEBSITE:** [www.snowmasters.com.au](http://www.snowmasters.com.au)

**EMERGENCY CONTACT:** 0412350666

## SECTION 2: HAZARDS IDENTIFICATION

**GHS Classification:**

**NOT Classified** as **Hazardous** according to the criteria of the **Hazardous Substances Information System (HSIS)**

**NOT Classified** as **Dangerous Goods** according to the **ADG Code** (Australian Code for the Transport of Dangerous Goods by Road and Rail – 7<sup>th</sup> Edition)

**Risk phrase(s):** None

**Safety phrase(s):** Slightly Alkaline  
Slippery

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion</u>
Triethanolamine	102-71-6	0 – 5 %
Ethoxylate Detergent	N/A	0 – 10 %
Fatty Acid	N/A	0 – 10 %
Non-Hazardous Ingredients	N/A	Balance

## SECTION 4: FIRST AID MEASURES

**Inhalation:**

No hazards which require special first aid measures.

**Ingestion:**

Rinse immediately with water. By analogy with similar products, this product is not expected to be toxic.

**Skin Contact:**

No hazards which require special first aid measures.

**Eye Contact:**

Immediately flush eyes with copious amounts of water for at least 5 minutes. If irritation persists, seek medical assistance.

## SECTION 5: FIRE FIGHTING MEASURES

**Fire/Explosion Hazard:** No known hazards.

**Fire Extinguishing Media:** Water, fine water spray, carbon dioxide (CO<sub>2</sub>) or dry chemical powder

**Special Protective Equipment for Fire-fighters:**  
No special protective equipment required

**Hazchem Code:** None allocated

**Hazardous products of combustion:**  
Thermal decomposition may produce low levels of Hydrogen Cyanide, Carbon Oxides, and Nitrogen Oxides as per all organic products.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Emergency procedures:**  
If spilled – wet areas may be slippery.  
No special precautions are required.

**Methods for cleaning up:**  
Contain spill if possible.  
Flush with water. Clean up promptly by mop. Wet areas may be slippery.

**Personal precautions**  
If spilled – wet areas may be slightly slippery.  
No special precautions are required.

**Environmental precautions**  
Dispose of in accordance with local and national regulations.

## SECTION 7: HANDLING AND STORAGE

**Handling:** CAUTION – If spilled, wet areas may be slippery.

**Storage:** Store in a cool, dry place (ideally 0 – 35°C)

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standards:**  
Values assigned for individual ingredients in this mixture by the Australian Safety and Compensation Council (formally NOHSC) National Occupational Exposure Standard.

**Atmospheric Contaminant Exposure Standard for:**

Ingredient	Cas No.	Standard	Occupational exposure limits
Triethanolamine	102-71-6	ACGIH	TWA – 5mg/m <sup>3</sup>

**Engineering Controls:** No special requirements.

**Personal protective equipment**

**Respiratory protection** Not applicable for typical applications.

**Hand protection** No special protective clothing required. Sensitive people should wear gloves.

**Eye protection** No special requirements. Safety glasses are recommended if handling in large quantities.

**Skin and body protection** No special protective clothing required.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety precautions.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear, colourless, water-like liquid  
**Odour:** Slight  
**pH:** Slightly Alkaline (7.5 – 8.5)  
**Boiling Point:** Approximately 100°C  
**Vapour pressure:** Low  
**Flash Point:** Not Applicable  
**Specific Gravity:** 1.0  
**Solubility in Water:** Soluble  
**Vapour density:** Not Applicable  
**Lower Explosive Limit (LEL):** Not Applicable  
**Upper Explosive Limit (UEL):** Not Applicable

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under ambient conditions of use and storage.  
**Conditions to avoid:** None known  
**Materials to avoid/Incompatibilities:** None known  
**Hazardous decomposition:** Thermal decomposition may produce very low levels of Hydrogen Cyanide, Carbon Oxides, and Nitrogen Oxides as per all organic products.  
**Hazardous polymerisation:** Will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

### Health Effects:

#### Inhalation:

This product is not considered to be toxic by inhalation

#### Swallowed:

Not toxic: Triethanolamine LD50/oral/rat>5000mg/kg

#### Eye:

May be slightly irritating to the eyes with prolonged exposure

#### Skin:

May be irritating to the skin with prolonged exposure

## SECTION 12: ECOLOGICAL INFORMATION

### Triethanolamine:

#### Toxicity:

Toxicity to daphnia and other aquatic invertebrates EC50 – Daphnia (Water Flea) – 609.98mg/L – 48 hr

#### Exotoxicity:

Freshwater Algae: 72 hr EC50 *Desmodesmus subspicatus*: 216 mg/L;  
96 Hr EC50 *Desmodesmus subspicatus* 196 mg/L  
Freshwater Fish: 96 Hr LC50 *Pimephales promelas*: 10600 – 1300 mg/L [flow-through];  
96 Hr LC50 *Pimephales promelas*: >1000mg/L [static];  
96 Hr LC50 *Lepomis macrochirus*: 450 – 1000 mg/L [static]

#### Persistence & Degradability:

Biodegradability Result: 96 % - Readily biodegradable

#### Bioaccumulative Potential:

< 3.9 Bioconcentration Factor (BCF) method: OECD 305C

#### Mobility in Soil:

-2.53

#### Results of PBT and vPvB Assessment:

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

#### Other adverse effects:

No Data Available

This product is not expected to be adverse to aquatic or general environmental ecosystems under normal usage.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Method of disposal:**

Dispose of in accordance with local and national regulations

**Special precautions:**

CAUTION – If spilled – wet areas may be slippery

### **SECTION 14: TRANSPORT & REGULATORY INFORMATION**

**Not Classified as Dangerous Goods according to the ADG Code.**

**Subject to transport regulations.**

<b>ADG:</b>	Not Classified as Dangerous Goods
<b>IMDG:</b>	Not Classified as Dangerous Goods
<b>ICAO/IATA:</b>	Not Classified as Dangerous Goods

**UN Number/Proper Shipping Name:** Not Applicable

**Dangerous Goods Class/Subsidiary Risk:** None

**Packing Group:** III

**Hazchem Code:** Not Applicable

### **SECTION 15: REGULATORY INFORMATION**

**Poisons schedule:** Not Scheduled

According to the Standard for the Uniform Scheduling of Drugs and Poisons

## SECTION 16: OTHER INFORMATION

SDS Issue Date: October 2019 Version: 3 Supersedes: November 2018

Reason for alteration: Updated to include additional Ecological information.

### Key to abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
ASCC	Australian Safety and Compensation Council
CAS	Chemical Abstracts Service Registry Number
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HSIS	Hazardous Substance Information System
ICAO	International Civil Aviation Organisation
IATA	International Air Transport Association
IMDG	International Maritime Organisation Rules
NOHSC	National Occupational Health and Safety Commission
TWA	Time weighted average
LD <sub>Lo</sub>	Lethal Dose Low – lowest dose causing death
UN	United Nations

Label Hazard Warning/Precautions: None Required

Label First Aid: None Required

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*The information contained herein is based on the present state of our knowledge. This document characterises the product with regard to appropriate safety precautions, and is only proposed as a guide for its intended use. Each user should consult this SDS, and perform their own appropriate risk assessment in context to how the product will be handled and used. Sharp and Howells Pty Ltd will not be responsible for any loss or damages resulting from use of or reliance on the information and advice contained herein.*