



# **HEALTH & SAFETY PRODUCT DATA SHEET**

NAME OF PRODUCT

**Snow Fluid**

# SAFETY DATA SHEET

## OPTISNOW

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Name: **OPTISNOW**  
Synonyms: FLUID (neutral)  
Supplied by: **S F X Distribution Ltd, PO Box 564,  
Macclesfield, Cheshire. SK19 9GG**

**T: 01260 224 062**

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains Tensides (fatty Alcohol Sulfates) and de-mineralised water.  
Contains no substances in Part 1 of the approved Supply List, or with a maximum exposure limit (MEL) specified in Schedule 1 of COSHH.

### 3. HAZARDOUS INFORMATION

No significant hazard to man or environment under normal conditions of handling and use.

Effects of Exposure when:

INGESTION - Non-Toxic, but may cause temporary nausea and sickness

EYE - May cause irritation

SKIN - Non-Toxic, may cause mild de-greasing and irritate sensitive skin.

INHALATION - No Risk

MAXIMUM EXPOSURE LIMIT - Not applicable

OCCUPATIONAL EXPOSURE LIMIT - Not applicable

### 4. FIRST AID MEASURES

Exposure Route	Symptom	Treatment
Inhalation		Treat Symptomatically
Skin Contact		Wash off with plenty of water.
Eye Contact	Mild irritation	Irrigate thoroughly with water. Obtain medical advice as a precaution.
Ingestion		Wash out mouth with water. Do not induce vomiting Give water to drink. Obtain medical advice if feeling unwell.

### 5. FIRE & EXPLOSION HAZARD DATA

Flashpoint	Not Applicable.
Auto ignition Temperature	Not Applicable
Flammable limits by volume in air	Not Applicable
Spontaneous Combustion	Not Applicable (material soaked in this product)
Fire Extinguisher data	Not Applicable
Special Fire-Fighting Procedure	Not Applicable
Unusual fire and explosion hazard	Not Applicable

## 6. **ACCIDENTAL SPILLAGE OR LEAKAGE MEASURES**

Safety Precautions to be taken in the event of a spill or leakage

Neutralising Chemicals  
Waste Disposal

Absorb into earth, sand, sawdust or other absorbent material and shovel into plastic waste drums or plastic bags. Wash spillage areas with plenty of water.  
Not Applicable.  
Benign waste suitable for landfill.

## 7. **HANDLING & STORAGE & TRANSPORTATION**

Precautions in handling and use:

General precautions  
Ventilation requirements  
Respiratory Requirements  
Protective Clothes  
Eye Protection

General good housekeeping procedures.  
Not Applicable  
Not Applicable  
Not Applicable  
Not Applicable

In concentrate form (Foam Cannon Fluid)

Protective Clothes  
Eye Protection

Rubber Gloves  
Goggles or safety spectacles

Storage:

Optimum

Store in a cool dry area in original sealed containers or approved system.

Temperature & Storage stability

Ready for immediate use when stored or transported in plastic containers at temperatures of between +40 degrees Centigrade and -3 degrees Centigrade. Can also be exposed to temperatures of up to 65 degrees centigrade without negative effect. Down to -3 degrees Centigrade

Frost Resistance

## 8. **LABELLING INFORMATION**

Label

Each container labelled with basic safety precautions and contact phone number.

Hazard

Non hazardous material for snow / foam making

## 9. **PHYSICAL & CHEMICAL PROPERTIES**

Product Name

OPTISNOW

Chemical Name and Formula

Surfactants in an Aqueous Base (Tensides)

Gas Number

Not Applicable

Packing Group

Not Applicable

Health Hazzard Summary

Not Applicable

Risk Phrases

Not Applicable

Appearance

Pale Straw Yellow Liquid

Odour

Mild

pH Value

7.5

Boiling Point / Range

from 100°C

Melting Point / Range

< -4°C

Solubility in water

Completely miscible

Induction Rate %

3%

Vapour Pressure

Not Applicable

Bulk Density

Not Applicable

Specific Gravity

1.01

Main Components

Tensides (Fatty Alcohol Sulfates)

Viscosity

20 degrees C\_4 : 0 degrees C\_7

Drainage Time

15 minutes



10. **CHEMICAL REACTIVITY DATA**

Stability	Not Applicable
Compatibility	Not Applicable
Decomposition Products	No harmful Decomposition by-products known of with this product.

11. **ECOLOGICAL INFORMATION**

Chemical oxygen demand	228,000 Milliliters
Biological oxygen demand	BOD 5 day 79,400 Milliliters
Ecotoxicity	No data available at present

12. **REFERENCES**

Snow / Foam making equipment	Formulated for <b>S F X Distribution Ltd,</b>
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13. **TRAINING NEEDS**

Demonstrations of handling and storage are available from supplier  
When used with Snow making equipment, follow instructions for use.

14. **REGULATORY INFORMATION**

Supply label details	In accordance with CHIP 2, Regulation 9.
Label Name	<b>OPTISNOW</b>
Symbol	No risk or safety phrases stipulated.
Risk phrases	No risk or safety phrases stipulated.
Safety phrases	No risk or safety phrases stipulated.
E.E.C. Number	

Use of this material may be governed by the following regulations:  
COSHH, HSWA, MHSW.

Users are advised to consult these regulations for further information. The information contained in this data sheet does not constitute an assessment of workplace risk as required by other health and safety legislation.

15. **OTHER INFORMATION**

No special training is required for handling this preparation other than normal precautions for safe handling of chemicals.  
This material is usually used for the production of synthetic snow / foam in an appropriate **ZOOM MANUFACTURING** snow / foam generator. The concentration of snow / foam components is below the OES under normal operating conditions.  
It must not be used for any other purpose, or in any other equipment  
Further information can be obtained from the supplier, whose address and telephone number are given in section 1.

16. **LEGAL DISCLAIMER**

The above information is based on the present state of our knowledge of the product at the times of publication of this data sheet. It is given in good faith, no warranty is implied with respect to the quality of the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.  
If you have purchased the product for supply to a third party, it is your duty to take all necessary steps to ensure that any person handling and using the product is provided with the information in this sheet. If you are an employer it is your duty to tell your employees and others who may be affected by any hazard described in this sheet and of any precautions that should be taken.