

**SNOW SPRAY - 087720-EN**

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : SNOW SPRAY  
Product code : 087720-EN.

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Create your own Christmas atmosphere with this Snow Spray. Its rich texture makes it ideal for decorating Christmas trees and handicrafts.  
Only use the product as directed on the aerosol.

**1.3. Details of the supplier of the safety data sheet**

Registered company name : .  
Address :  
Telephone : Fax :

**1.4. Emergency telephone number :**

Association/Organisation :  
Hours of operation : Monday - Thursday : 8:00-17:00; Friday : 8:00-13:00

**SECTION 2 : HAZARDS IDENTIFICATION 2.1.**

**Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Aerosol, Category 3 (Aerosol 3, H229).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).  
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

**2.2. Label elements**

Mixture for aerosol application.

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Signal Word :

WARNING

Additional labeling :

20% by mass of the contents are flammable.

Hazard statements :

H229 Pressurised container: May burst if heated.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

Precautionary statements - Storage :

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq$  0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

Intentional misuse of the preparation by concentrating and inhaling the vapours can be harmful or fatal.

**SNOW SPRAY - 087720-EN**

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

Identification	(EC) 1272/2008	Note	%
CAS: 109-87-5 EC: 203-714-2 REACH: 01-2119664781-31 <b>METHYLAL</b>	GHS02 Dgr Flam. Liq. 2, H225	[1]	2.5 <= x % < 10
CAS: 106-97-8 EC: 203-448-7 REACH: 01-2119474691-32 <b>BUTANE (&lt; 0,1 % 1,3-BUTADIENE)</b>	GHS02 Dgr Flam. Gas 1, H220 Press. Gas, H280	C [1] [7]	1 <= x % < 2.5

**Information on ingredients :**

- [7] Propellant gas
- [1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures**

**In the event of exposure by inhalation :**

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

**In the event of splashes or contact with skin :**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**In the event of swallowing :**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.  
Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

**4.2. Most important symptoms and effects, both acute and delayed**

See section 11.

**4.3. Indication of any immediate medical attention and special treatment needed**

If you feel unwell, seek medical advice (show the label if possible). If symptoms persist, always call a doctor.

**SECTION 5 : FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

If the aerosols are exposed to a fire : keep containers cool by spraying with water from a protected position.

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.  
Do not breathe in smoke.

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## SNOW SPRAY - 087720-EN

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In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

### 5.3. Advice for firefighters

If possible, stop the product stream. Spray from a protected position till the containers are cool. If possible, take the aerosols outside. Keep public on a distance.

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## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

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## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

#### Fire prevention :

Handle in well-ventilated areas.

Do not pierce or burn, even after use.

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Packages which have been opened must be reclosed carefully and stored in an upright position.

#### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

#### Storage

Keep out of reach of children.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Keep away from heat and sources of ignition. Storage in a dry, frost-free and well ventilated place.

#### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

**SNOW SPRAY - 087720-EN**

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL**

**PROTECTION 8.1. Control parameters**

**Occupational exposure limits :**

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
109-87-5	1000 ppm	1250 ppm	-	-	-
106-97-8	600 ppm	750 ppm	-	-	-

- Ireland (Code of practice for the safety, Health and Welfare at Work, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
109-87-5	1000 ppm	1250 ppm	-	-	-
106-97-8	600 ppm	750 ppm	-	-	-

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

METHYLAL (CAS: 109-87-5)

**Final use:**

Exposure method:  
Potential health effects:

**Workers.**

Dermal contact.  
Long term systemic effects.

DNEL : 17.9  
mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
126.6 mg of substance/m3

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Consumers.**

Ingestion.  
Long term systemic effects.  
9.6 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Dermal contact.  
Long term systemic effects.  
5.7 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
39 mg of substance/m3

**Predicted no effect concentration (PNEC):**

METHYLAL (CAS: 109-87-5)

Environmental compartment:  
PNEC : Soil.  
4.6538 mg/kg

Environmental compartment:  
PNEC : Fresh water.  
14.577 mg/l

Environmental compartment:  
PNEC : Sea water.  
1.4577 mg/l

Environmental compartment:  
PNEC : Fresh water sediment.  
13.135 mg/kg

Environmental compartment:  
PNEC : Marine sediment.  
1.3135 mg/kg

Environmental compartment:  
PNEC : Waste water treatment plant.  
10000 mg/l



## SNOW SPRAY - 087720-EN

### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.  
Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166. Do not spray in the direction of the eyes.

#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- PVA (Polyvinyl alcohol)
- Butyl Rubber (Isobutylene-isoprene copolymer)

Not necessary at efficient use. Wash your hands after contact with skin.

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Not necessary at efficient use. Wash skin that has been in contact with the product, with water and soap.

#### - Respiratory protection

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387

: - A1 (Brown)

Do not breathe spray. Use only in well-ventilated areas.

#### Exposure controls linked to environmental protection

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

Physical state :	Fluid liquid. Spray.
Color :	White
Odour :	Specific

#### Important health, safety and environmental information

pH :	7.50 . Neutral.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	0.966
Water solubility :	Soluble.
Chemical combustion heat :	< 20 kJ/g.
Inflammation time :	> 300 s/m3.
Flash point :	Not applicable
Flammability :	Not applicable

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**SNOW SPRAY - 087720-EN**

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Ignition distance :	No ignition
<b>9.2. Other information</b>	
Pressure at 20°C :	± 6.0 bar
Pressure at 50°C :	< 12 bar
Water content :	Water-based formulation

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**SECTION 10 : STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4. Conditions to avoid**

Avoid :

- heat
- flames and hot surfaces
- frost

Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat and sources of ignition. Storage in a dry, frost-free and well ventilated place.

**10.5. Incompatible materials**

No materials known by which a dangerous reaction can appear.

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

The product is stable. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Splashes in the eyes may cause irritation and reversible damage

**11.1.1. Substances**

**Acute toxicity :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)

Inhalation route (Vapours) : LC50 > 10 mg/l

METHYLAL (CAS: 109-87-5)

Oral route : LD50 = 6423 mg/kg  
Species : Rat  
OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route : LD50 > 5000 mg/kg  
Species : Rabbit  
OECD Guideline 402 (Acute Dermal Toxicity)

**Skin corrosion/skin irritation :**

Methylal : Not irritating. Repeated or prolonged skin contact may cause dermatitis and defatting.

**Serious damage to eyes/eye irritation :**

Methylal : Not irritating.

**Respiratory or skin sensitisation :**

Methylal : Not sensitizing.

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**SNOW SPRAY - 087720-EN**

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**Germ cell mutagenicity :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)  
No mutagenic effect.

METHYLAL (CAS: 109-87-5)  
No mutagenic effect.

**Carcinogenicity :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)  
Carcinogenicity Test : Negative.  
No carcinogenic effect.

METHYLAL (CAS: 109-87-5)  
Carcinogenicity Test : Negative.  
No carcinogenic effect.

**Reproductive toxicant :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)  
No toxic effect for reproduction

METHYLAL (CAS: 109-87-5)  
No toxic effect for reproduction

**Specific target organ systemic toxicity - single exposure :**

Methylal : To human : Not classified for organ toxicity. For animals : No effects known.

**Specific target organ systemic toxicity - repeated exposure :**

Methylal : To human : Not classified for organ toxicity. For animals : No effects known.

**Aspiration hazard :**

Methylal : Not considered hazardous.

**11.1.2. Mixture**

No toxicological data available for the mixture.

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**SECTION 12 : ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**12.1.1. Substances**

METHYLAL (CAS: 109-87-5)  
Fish toxicity : LC50 > 1000 mg/l  
Species : Danio rerio  
Duration of exposure : 96 h  
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 > 1000 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h  
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability**

Butane/Isobutane/Propane : Expected to be readily biodegradable.

**12.2.1. Substances**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)  
Biodegradability : Rapidly degradable.

METHYLAL (CAS: 109-87-5)



**SNOW SPRAY - 087720-EN**

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

**12.3. Bioaccumulative potential**

Butane/Isobutane/Propane : Not expected to be dangerous for the aquatic environment.  
Methylal : No data available.

**12.4. Mobility in soil**

Butane/Isobutane/Propane : If released into the environment, the product will rapidly disperse into the atmosphere where it will undergo photochemical degradation.  
Methylal : No data available.

**12.5. Results of PBT and vPvB assessment**

Methylal : PBT/vPvB : No.

**12.6. Other adverse effects**

No data available.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

**SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

**14.1. UN number**

1950

**14.2. UN proper shipping name**

UN1950=AEROSOLS, asphyxiant

**14.3. Transport hazard class(es)**

- Classification :

2.2

ADR/RID Label : Limited Quantity : 2.2 is not applicable.

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5A	-	2.2	-	1 L	190 327 344 625	E0	3	E
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	2.2	See SP63	-	See SP277	F-D,S-U	63 190 277 327 344 959	E0			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ	
	2.2	-	-	203	75 kg	203	150 kg	A98 A145 A167 A802	E0	
	2.2	-	-	Y203	30 kg G	-	-	A98 A145 A167 A802	E0	

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## SNOW SPRAY - 087720-EN

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For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.  
For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

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## SECTION 15 : REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### - Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 75/734/CEE modified by directive 2013/10/UE
- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

#### - Container information:

No data available.

#### - Particular provisions :

Labelling following EU Regulation No. 517/2014 :                      Contains fluorinated greenhouse gases : HFC-152a.

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the following products or for the substances in these products :  
Methylal

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## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

### Wording of the phrases mentioned in section 3 :

- |      |                                                     |
|------|-----------------------------------------------------|
| H220 | Extremely flammable gas.                            |
| H225 | Highly flammable liquid and vapour.                 |
| H280 | Contains gas under pressure; may explode if heated. |

### Abbreviations :

- DNEL : Derived No-Effect Level  
PNEC : Predicted No-Effect Concentration  
ADR : European agreement concerning the international carriage of dangerous goods by Road.  
IMDG : International Maritime Dangerous Goods.  
IATA : International Air Transport Association.  
ICAO : International Civil Aviation Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
WGK : Wassergefährdungsklasse (Water Hazard Class).  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.

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## Difference Report

Revision: N°3 (31/08/2015) / Version: N°1 (31/08/2015)

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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Revision: N°2 (11/02/2014) / Version: N°3 (15/12/2014)

**SNOW SPRAY - 087720-EN**

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

**SECTION 2 : HAZARDS IDENTIFICATION**

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Contains :

Safety phrase :

- Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.
- Do not pierce or burn, even after use.
- S-2 Keep out of the reach of children.
- S-23 Do not breathe spray.
- S-46 If swallowed, seek medical advice immediately and show this container or label.
- S-51 Use only in well ventilated areas.

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Aerosol, Category 3 (Aerosol 3, H229).

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Signal Word :

WARNING

Additional labeling :

Hazard statements :

H229 Pressurised container: May burst if heated.

Precautionary statements - General :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Precautionary statements - Prevention :

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 Do not pierce or burn, even after use.

Precautionary statements - Storage :

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**Composition :**

Identification	(EC) 1272/2008	67/548/EEC	Note	%
CAS: 109-87-5 EC: 203-714-2 REACH: 01-2119664781-31  METHYLAL	GHS02 Dgr Flam. Liq. 2, H225	F F;R11	[1]	2.5 <= x % < 10
INDEX: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7 REACH: 01-2119474691-32  BUTANE (< 0,1 % 1,3-BUTADIENE)	GHS02, GHS04 Dgr Flam. Gas 1, H220	F+ F+;R12	C [1] [7]	1 <= x % < 2.5
Identification	(EC) 1272/2008		Note	%
CAS: 109-87-5 EC: 203-714-2 REACH: 01-2119664781-31  METHYLAL	GHS02 Dgr Flam. Liq. 2, H225		[1]	2.5 <= x % < 10
CAS: 106-97-8 EC: 203-448-7 REACH: 01-2119474691-32  BUTANE (< 0,1 % 1,3-BUTADIENE)	GHS02 Dgr Flam. Gas 1, H220 Press. Gas, H280		C [1] [7]	1 <= x % < 2.5

**SNOW SPRAY - 087720-EN**

**SECTION 4 : FIRST AID MEASURES**

**In the event of swallowing :**

Keep the person exposed at rest. Do not force vomiting.

**SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

**Important health, safety and environmental information**

~~pH:~~ ~~7.00~~  
pH : 7.50 .

**SECTION 11 : TOXICOLOGICAL INFORMATION**

**Acute toxicity :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)  
Inhalation route (Vapours) : LC50 > 10 mg/l

**Germ cell mutagenicity :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)

**Carcinogenicity :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)

**Reproductive toxicant :**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)

**SECTION 12 : ECOLOGICAL INFORMATION**

**12.2.1. Substances**

BUTANE (< 0,1 % 1,3-BUTADIENE) (CAS: 106-97-8)  
Biodegradability : Rapidly degradable.

**SECTION 14 : TRANSPORT INFORMATION**

~~Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2013).~~

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2015).

**SECTION 15 : REGULATORY INFORMATION**

**- Classification and labelling information included in section 2:**

- ~~Directive 67/548/EEC and its adaptations~~
- ~~Directive 1999/45/EC and its adaptations~~
- ~~Regulation EC 1272/2008 modified by regulation EC 618/2012~~
  - EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
  - EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
  - EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
  - EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

**SECTION 16 : OTHER INFORMATION**

**Wording of the phrases mentioned in section 3 :**

~~R 11~~ ~~Highly flammable.~~  
~~R 12~~ ~~Extremely flammable.~~  
H280 Contains gas under pressure; may explode if heated.

**Abbreviations :**

PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.