

## SDS BEAM Z SNOW FLUID READY-TO-USED

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 - Product identifier

Trade name/designation BEAM Z SNOW FLUID READY-TO-USED

Chemical name

Product-type Mixture

UFI: HADS-R1FE-A00G-W4C5

#### 1.2 - Relevant identified uses of the substance or mixture and uses advised against

#### 1.3 - Details of the supplier of the safety data sheet

#### 1.4 - Emergency telephone number

Emergency help line: +31 (0)85 105 3155 9am to 5pm CET

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Irrit. 2	Eye irritation - Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3

#### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : Warning

Hazard pictograms



Hazard statements

H319	Causes serious eye irritation
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear eye protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

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P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national/international regulation.
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EUH-phrases : None

### 2.3 - Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
Sodium lauryl ethoxy (2EO) sulphate based on a narrow cut primary natural alcohol	CAS No. : 68891-38-3 Index No. : EC No. : NLP	<= 20	Aquatic Chronic 3 - H412 Eye Dam. 1 - H318 Skin Irrit. 2 - H315	Not applicable
2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	CAS No. : 112-34-5 Index No. : 603-096-00-8 EC No. : 203-961-6 REACH No. : 01-2119475104-44-XXXX	<= 20	Eye Irrit. 2 - H319	Not applicable
3-((C12-18)-acylamino)-N-(2-(2-hydroxyethyl)amino)-2-oxoethyl)-N,N-dimethyl-1-propanaminium chloride	CAS No. : 164288-56-6 Index No. : 612-231-00-X EC No. : 427-370-1	<= 10	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Eye Dam. 1 - H318	Not applicable

## SECTION 4: First aid measures

### 4.1 - Description of first aid measures

Following skin contact - No information available.

After eye contact - After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion - When in doubt or if symptoms are observed, get medical advice.

### 4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No data available.

Symptoms and effects - After eye contact - Causes serious eye irritation.

Symptoms and effects - After ingestion - No information available.

### 4.3 - Indication of any immediate medical attention and special treatment needed

- No information available.

## SECTION 5: Firefighting measures

### 5.1 - Extinguishing media

Suitable extinguishing media - ABC-powder  
- Water mist

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- Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

- Strong water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture

- No data available.

Hazardous decomposition products

- No data available.

5.3 - Advice for firefighters

- Do not allow run-off from fire-fighting to enter drains or water courses.

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### SECTION 6: Accidental release measures

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6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Goggles.  
- Wear protective gloves.

For emergency responders

- Remove persons to safety.  
- Use personal protection equipment.

6.2 - Environmental precautions

- Do not allow to enter into soil/subsoil.  
- Do not allow to enter into surface water or drains.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment

- No information available.

Methods and material for cleaning up

- Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).  
- Ventilate affected area.

Inappropriate techniques

- No information available.

6.4 - Reference to other sections

- Disposal: see section 13  
- Personal protection equipment: see section 8  
- Safe handling: see section 7

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### SECTION 7: Handling and storage

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7.1 - Precautions for safe handling

Recommendation

- No information available.

Advices on general occupational hygiene

- Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep/store only in original container.

7.3 - Specific end use(s)

- Observe technical data sheet.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 - Control parameters

##### 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)

IOELV TWA mg/m3 (UE)	67,5 mg/m3
IOELV TWA ppm (UE)	10 ppm
IOELV STEL mg/m3 (UE)	101,2 mg/m3
IOELV STEL ppm (UE)	15 ppm

- No data available.

#### DNEL / PNEC

##### 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5)

Type	Value	User	Effect
DNEL acute inhalative	101,2 mg/m3	Workers	Local

#### 8.2 - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Spectacles with side protection.



- Wear protective gloves.



Environmental exposure controls

- No data available.

### SECTION 9: Physical and chemical properties

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

Physical state

Liquid

Appearance

Colour

Odour

Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available

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Density	No data available
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

### Particle characteristics

Particle size	No data available
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### 9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

- No data available.

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- Stable under recommended storage and handling conditions.

### 10.5 - Incompatible materials

- No data available.

### 10.6 - Hazardous decomposition products

- No data available.

## SECTION 11: Toxicological information

### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

#### Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available

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	LD50 dermal (rabbit)	No data available
	LC50 inhalation (rat)	No data available
	LC50 inhalation dusts and mists (rat)	No data available
	LC50 inhalation vapours (rat)	No data available

- No data available.

Skin corrosion/irritation - Not classified

- No data available.

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Causes serious eye irritation.

Respiratory or skin sensitisation - Not classified

- No data available.

Germ cell mutagenicity - Not classified

- No data available.

Carcinogenicity - Not classified

- No data available.

Reproductive toxicity - Not classified

- No data available.

STOT-single exposure - Not classified

- No data available.

STOT-repeated exposure - Not classified

- No data available.

Aspiration hazard - Not classified

### 11.2 - Information on other hazards

- No information available.

## SECTION 12: Ecological information

### 12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

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- Harmful to aquatic life with long lasting effects.

### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No data available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No data available.

### 12.4 - Mobility in soil

- No data available.

### 12.5 - Results of PBT and vPvB assessment

### 12.6 - Endocrine disrupting properties

- No information available.

### 12.7 - Other adverse effects

- No data available.

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## SECTION 13: Disposal considerations

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### 13.1 - Waste treatment methods

Waste treatment methods - No information available.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - Dispose of waste according to applicable legislation.

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## SECTION 14: Transport information

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### 14.1 - UN number or ID number

Not applicable

### 14.2 - UN proper shipping name

Not applicable

### 14.3 - Transport hazard class(es)

Not applicable

### 14.4 - Packing group

Not applicable

### 14.5 - Environmental hazards

Not applicable

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### 14.6 - Special precautions for user

Not applicable

### 14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (Index No.: 603-096-00-8 - EC No.: 203-961-6 - CAS No.: 112-34-5)

VOC content No data available

### 15.2 - Chemical Safety Assessment

## SECTION 16: Other information

### SDS versions

Version	Issue date	Author	Description of the amendments
1	15/05/2023		

### Texts of the regulatory sentences

Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
H318	Causes serious eye damage
H319	Causes serious eye irritation
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
Skin Irrit. 2	Irritation, Category 2

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