

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

### • 1.1 Product identifier

#### • Trade name:

Instant Snow(SS100)

#### • Registration number:

No available data.

#### • UFI number:

No available data.

#### • Other means of identification:

No available data.

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

#### • Application of the substance/ mixture:

Consumer uses, instant snow.

#### • Uses advised against:

No available data.

#### • Reason why uses advised against:

No available data.

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

#### • Manufacturer/Supplier:

Playlearn Ltd.

49 Ramsgate Street

Email: qa@play-learn.co.uk

#### • Further information obtainable from:

Playlearn Ltd.

### • 1.4 Emergency telephone number

No available data

## SECTION 2: Hazards identification

### • 2.1 Classification of the substance or mixture

#### • 2.1.1 Classification according to GB CLP regulation:

GB CLP Regulation Classification	Classification Procedure
Eye Irrit. 2, H319	Calculation method

#### • 2.1.2 Additional information:

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

### • 2.2 Label elements

#### • Labeling according to GB CLP Regulation:

The product is labelled according to GB CLP Regulation.

#### • Hazard pictograms:



GHS07

#### • Signal word:

Warning



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• **Hazard-determining components of labelling:**

Not applicable

• **Hazard statements:**

H319 Causes serious eye irritation

• **Precautionary statement:**

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P280 Wear eye protection/ face 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.

• **Supplemental label elements:**

Not applicable

• **2.3 Other hazards**

None of the ingredients ( $\geq 0.1\%$ ) meets the criteria for PBT/vPvB in accordance with Annex XIII.

None of the ingredients ( $\geq 0.1\%$ ) is identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

**SECTION 3: Composition/information on ingredients**

• **3.1 Substance**

Not applicable

• **3.2 Mixtures**

• **Description of the mixture:**

Instant Snow.

**Ingredients:**

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/AT E
2-Propenoic acid, homopolymer, sodium salt	9003-04-7	-	-	92	Eye Irrit. 2, H319	-
Water	7732-18-5	-	231-791-2	8	None	-

**SECTION 4: First aid measures**

• **4.1 Description of first aid measures**

**General advice:**

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

**After inhalation:**

Supply with fresh air.

Get medical attention if you feel unwell.

**After skin contact:**

Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention

**After eye contact:**

Rinse cautiously with water for several minutes.

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Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

**After swallowing:**

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

• **4.2 Most important symptoms and effects, both acute and delayed:**

Causes serious eye irritation.

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

Treatment according to symptoms, no known specific medicine.

**SECTION 5: Fire-fighting measures**

• **5.1 Extinguishing media**

• **Suitable extinguishing agents:**

Use CO<sub>2</sub>, chemical powder, water spray or alcohol resistant foam to extinguish.

• **Unsuitable extinguishing media:**

Water with full jet.

• **5.2 Special hazards arising from the substance or mixture:**

May form irritant dust in air under fire.

• **5.3 Advice for firefighters**

**Protective equipment:**

Wear self-contained breathing apparatus for firefighting.

**SECTION 6: Accidental release measures**

• **6.1 Personal precautions, protective equipment and emergency procedures**

• **6.1.1 For non-emergency personnel**

**Protective equipment:**

Eye protection and respiration protection.

**Emergency procedures:**

Ensure adequate ventilation.

Avoid breathe dust.

Avoid contact with eyes.

• **6.1.2 For emergency responders**

**Personal protective equipment:**

Eye protection/respiration protection.

• **6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

• **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.

Ensure well ventilation.

Dispose contaminated material as waste according to section 13.

• **6.4 Reference to other sections:**

See section 7 for information on safe handling.  
See section 8 for information on personal protection equipment.  
See section 13 for disposal information.

**SECTION 7: Handling and storage**

• **7.1 Precautions for safe handling:**

Ensure adequate ventilation at workplace.  
Avoid breathe dust.  
Avoid contact with eyes.

• **Information about fire and explosion protection:**

Normal measures for preventive fire protection.

• **7.2 Conditions for safe storage, including any non-compatibility**

• **Requirements to be met by storerooms and receptacles:**

Store in a cool and well-ventilated place.

• **Information about storage in one common storage facility:**

No further requirements.

• **Further information about storage conditions:**

No further requirements.

• **Storage class:**

13.

• **7.3 Specific end use(s):**

See section 1.2.

**SECTION 8: Exposure controls/personal protection**

• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**

No available data.

• **DNELs:** No available data.

• **PNECs:** No available data.

• **Additional information:**

The lists valid during the marking were used as basis.

• **8.2 Exposure controls**

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.  
Wash hands and face before breaks and at the end of work.  
See section 7 for information about design of technical facilities.

• **Personal protective equipment**

• **Eye and face protection:**



**Safety glasses**

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Protective goggles with side-shields.

• **Skin protection**

• **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

Gauntlets, boots, bodysuit are recommended.

• **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:

Dust mask is recommended.

• **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

• **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

## SECTION 9: Physical and chemical properties

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

• <b>Physical state</b>	Solid, powder
• <b>Color</b>	White
• <b>Odor &amp; Odor threshold</b>	Odorless
• <b>Melting point/freezing point (or softening point/range)</b>	Not determined
• <b>Boiling point or initial boiling point and boiling range</b>	100°C (Water)
• <b>Flammability</b>	Not flammable solid
• <b>Lower and upper explosion limit</b>	Not determined
• <b>Flash point</b>	Not applicable
• <b>Auto-ignition temperature</b>	Not determined
• <b>Decomposition temperature</b>	Not determined
• <b>pH</b>	4-8 (20°C, 10g/100ml)
• <b>Kinematic viscosity (mm<sup>2</sup>/s)</b>	Not applicable
• <b>Solubility</b>	Soluble in water
• <b>Partition coefficient n-octanol/water (log value)</b>	Not determined
• <b>Vapor pressure</b>	Not determined

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· <b>Density and/or relative density</b>	Not determined
· <b>Relative vapor density</b>	Not applicable
· <b>Particle characteristics</b>	Not determined
· <b>9.2 Other information</b>	
· <b>9.2.1 Information with regard to physical hazard classes:</b>	
· <b>Explosives</b>	Not applicable
· <b>Flammable gases</b>	Not applicable
· <b>Aerosols</b>	Not applicable
· <b>Oxidising gases</b>	Not applicable
· <b>Gases under pressure</b>	Not applicable
· <b>Flammable liquids</b>	Not applicable
· <b>Flammable solids</b>	Not applicable
· <b>Self-reactive substances and mixtures</b>	Not applicable
· <b>Pyrophoric liquids</b>	Not applicable
· <b>Pyrophoric solids</b>	Not applicable
· <b>Self-heating substances and mixtures</b>	Not applicable
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Not applicable
· <b>Oxidizing liquids</b>	Not applicable
· <b>Oxidizing solids</b>	Not applicable
· <b>Organic peroxides</b>	Not applicable
· <b>Corrosive to metals</b>	Not applicable
· <b>Desensitised explosives</b>	Not applicable
· <b>9.2.2 Other safety characteristics</b>	
· <b>Mechanical sensitivity</b>	Not applicable
· <b>Self-accelerating polymerisation temperature</b>	Not applicable
· <b>Formation of explosible dust/air mixtures</b>	Not applicable
· <b>Acid/alkaline reserve</b>	Not applicable
· <b>Evaporation rate</b>	Not applicable
· <b>Miscibility</b>	Not applicable
· <b>Conductivity</b>	Not applicable
· <b>Corrosiveness</b>	Not applicable
· <b>Gas group</b>	Not applicable
· <b>Redox potential</b>	Not applicable
· <b>Radical formation potential</b>	Not applicable
· <b>Photocatalytic properties</b>	Not applicable
· <b>Other physical and chemical parameters</b>	Not determined

## SECTION 10: Stability and reactivity

### · **10.1 Reactivity:**

The product is non-reactive under normal conditions of use, storage and transport.

### · **10.2 Chemical stability:**

Under storage at normal ambient temperatures, the product is stable.

### · **10.3 Possibility of hazardous reactions:**

No known hazardous reaction.

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• **10.4 Conditions to avoid:**

High temperature.

• **10.5 Incompatible materials:**

Strong oxidizing agent and flammable substance.

• **10.6 Hazardous decomposition products:**

Does not decompose when used for intended uses.

**SECTION 11: Toxicological information**

• **11.1 Information on toxicological effects**

• **Acute toxicity:**

Based on available data, the classification criteria are not met.

• **LD50/LC50 values relevant for classification:**

9003-04-7 2-Propenoic acid, homopolymer, sodium salt

Rat	LD50-oral	>40000mg/kg
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Remark: The above data is from literature.

• **Skin corrosion/irritation:**

Based on available data, the classification criteria are not met.

• **Serious eyes damage/ irritation:**

Based on available data, the classification criteria are not met.

• **Respiratory or skin sensitization:**

Based on available data, the classification criteria are not met.

• **Germ cell mutagenicity:**

Based on available data, the classification criteria are not met.

• **Carcinogenicity:**

Based on available data, the classification criteria are not met.

• **Reproductive toxicity:**

Based on available data, the classification criteria are not met.

• **STOT-single exposure:**

Based on available data, the classification criteria are not met.

• **STOT-repeated exposure:**

Based on available data, the classification criteria are not met.

• **Aspiration hazard:**

Based on available data, the classification criteria are not met.

• **11.2 Information on other hazards**

• **11.2.1 Endocrine disrupting properties:**

None of the ingredients ( $\geq 0.1\%$ ) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

• **11.2.2 Other information:**

No known other relevant information on adverse health effects.

## SECTION 12: Ecological information

### • 12.1 Toxicity:

No available data.

### • 12.2 Persistence and degradability:

No available data.

### • 12.3 Bio-accumulative potential:

No available data.

### • 12.4 Mobility in soil:

No available data.

### • 12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances ( $\geq 0.1\%$ ) that are assessed to be a PBT or a vPvB.

### • 12.6 Endocrine disrupting properties:

None of the ingredients ( $\geq 0.1\%$ ) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

### • 12.7 Other adverse effects:

No known other adverse effects.

### • 12.8 Additional ecological information

#### • General notes:

WGK1 (German Regulation) (self-assessment): Low hazard to waters.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

## SECTION 13: Disposal consideration

### • 13.1 Waste treatment methods

#### • Recommendation:

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local regulation.

### • 13.2 Un-cleaned packaging

#### • Recommendation:

Dispose of contents/container in according to the local/regional/national/ international regulation.

## SECTION 14: Transport information

• ADR/RID (2021 Edition)	This product is not subject to ADR/RID.
• IATA-DGR (63th)	This product is not subject to IATA-DGR.
• IMO/IMDG (40-20)	This product is not subject to IMO/IMDG code.

## SECTION 15: Regulatory information

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

#### • MAK (German Maximum Workplace Concentration):

None of the ingredients is listed.

#### • Directive 2012/18/EU



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• **Named dangerous substances-ANNEX I:**

None of the ingredients is listed.

• **Seveso category:**

Not applicable

• **Qualifying quantity (tonnes) for the application of lower-tier requirements:**

Not applicable

• **Qualifying quantity (tonnes) for the application of upper-tier requirements:**

Not applicable

• **National regulations.**

• **Water hazard class:**

WGK1 (German Regulation) (self-assessment): Low hazard to waters.

• **Other regulations, limitations and prohibitive regulations**

• **SVHC Candidate list of REACH Regulation Annex XIV Authorization:**

None of the ingredients is listed.

• **REACH Regulation Annex XVII Restriction:**

None of the ingredients is listed.

• **REACH Regulation Annex XIV Authorization List:**

None of the ingredients is listed.

• **15.2 Chemical safety assessment:**

A Chemical Safe Assessment has not been carried out.

**SECTION 16: Other information**

• **16.1 Indication of changes:**

None.

**16.2 Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

Eye Irrit. 2: Eye damage/irritation, hazard category 2

• **16.3 Key literature references and sources for data:**

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

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<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

• **16.4 Classification for mixtures and used evaluation method according to GB CLP regulation:**

See section 2.1 (classification).

• **16.5 Relevant H- and EUH-phrases (number and full text):**

H319 Causes serious eye irritation

• **16.6 Training advice:**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

• **16.7 Further information:**

The contents and format of this SDS are in accordance with UK REACH Regulations SI 2019/758, and GB CLP.

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End of safety data sheet