

# Snow Liquid SL-4C, SL-5C, SL-10C-CON, SL-20C, SL-200C

## Safety Data Sheet

Revision date: 10/MAY/2023 Version: 1.0

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

#### 1.1. Product identifier

Product Identity : SNOW LIQUID ITEM NO.: SL-4C, SL-5C, SL-10C-CON, SL-20C, SL-200C

Alternate Names : SNOW LIQUID ITEM NO.: SL-4C, SL-5C, SL-10C-CON, SL-20C, SL-200C

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

Intended Uses and Uses Advised Against See Technical Data Sheet.

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

**Company Name** ANTARI LIGHTING AND EFFECTS LTD  
8,Lane 231, Nankan, Rd, Sec.1,Luchu,Tao Yuan City,Taiwan 33859  
**Customer Service:** +886 3 322 5829

#### 1.4. Emergency telephone number

24 hour Emergency number +886 3 322 5829

### SECTION 2: Hazards identification

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

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

Serious eye damage / eye irritation, category 1;H318 Causes serious eye damage .  
Skin sensitizer category 1;H317 May cause an allergic skin reaction.

#### 2.2. Label elements

##### According to REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006

:



Danger

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

P273 Avoid release to the environment.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P280 Wear protective gloves, eye protection, face protection.

P501 Dispose of contents or container in accordance with local and national regulations.

#### 2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS], they are listed below.

Name	Weight%	EC No. 1272/2008 Classification*	Notes
Water (CAS-No.) 7732-18-5 (EC-No.) 231-791-2	60	Not classified	
Propylene glycol (CAS-No.) 57-55-6 (EC-No.) 200-338-0	20	Not classified	
D-Glucopyranose, oligomeric, decyl octyl glycosides (CAS-No.) 68515-73-1 (EC-No.) 500-220-1	5	Serious eye damage / eye irritation, category 1;H318	
Sodium Lauryl Ether Sulphate (SLES /AES) (CAS-No.) 9004-82-4	5	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation,	

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(EC -No.) 618-398-5		category 2;H319	
Glycerin (CAS-No.) 56-81-5 (EC-No.) 200-289-5	4	Not classified	
Sodium gluconate (CAS-No.) 527-07-1 (EC-No.) 208-407-7	3.88	Not classified	
1-Dodecanamine, N,N-dimethyl-, N-oxide (CAS-No.) 1643-20-5 (EC-No.) 216-700-6	2	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 1;H318 Aquatic toxicity (acute), category 1;H400 Aquatic toxicity (chronic), category 3;H412	Acute M-Factor: 1 Chronic M-Factor: 1
Dimethylol-5,5-dimethylhydantoin (CAS-No.) 6440-58-0 (EC-No.) 229-222-8	0.1	Acute toxicity(oral), category 4;H302	
2-methyl-3-2H-isothiazolone (CAS-No.) 2682-20-4 (EC-No.) 220-239-6	0.02	Aquatic toxicity (acute), category 1;H400 Skin corrosion/irritation category 1B;H314 Acute toxicity(oral), category 3;H301 Serious eye damage / eye irritation, category 1;H318 Aquatic toxicity (chronic), category 1;H410 Acute toxicity(inhalation), category 2;H330 Skin sensitizer category 1A;H317: C $\geq$ 0,0015 % Acute toxicity(dermal), category 3;H311	Acute M-Factor: 10 Chronic M-Factor: 1

<sup>^</sup>CLP 31 Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1). The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*PBT/vPvB - PBT-substance or vPvB-substance .  
The full texts of the phrases are shown in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
General	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give any thing by mouth to an unconscious person.

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

Overview	No specific symptom data available.No known long term toxicity. Treat symptomatically. See section 2 for further details.
Skin contact	Causes mild skin irritation. (Not adopted by EU CLP)
Eye contact	Serious damage to eyes.

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

Notes to physician  
Treat symptomatically. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical attention.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: No information available.

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

Hazardous decomposition	: No hazardous decomposition data available.
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### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Avoid release to the environment. Dispose of contents or container in accordance with local and national regulations.

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

Small Spill: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste .

Large Spill: Flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams. Dike for late disposal.

### 6.4. Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
7732-18-5	Water	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
56-81-5	Glycerin	OSHA	TWA 15 mg/m3 (total dust) TWA 5 mg/m3 (resp)
		ACGIH	TWA: 3 mg/m3 (respirable) 10 mg/m3 (mist)
		NIOSH	No established RELs
		Supplier	No Established Limit
527-07-1	Sodium gluconate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
1643-20-5	1-Dodecanamine, N,N-dimethyl-, N-oxide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
2682-20-4	2-methyl-3-2H-isothiazolone	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
6440-58-0	Dimethylol-5,5-dimethylhydantoin	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit

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		Supplier	No Established Limit
9004-82-4	Sodium Lauryl Ether Sulphate (SLES /AES)	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 10 mg/m<sup>3</sup> ACGIH.

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Color	: Transparent
Odor	: Specific smell
Odour threshold	: No data available
pH	: 7~8
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash /Fire point	: 96°C / 96°C (Open cup)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

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### 9.2. Other information

No additional information available

## 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

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

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

#### Acute toxicity

Note : When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

CAS No.	Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
7732-18-5	Water	>90,000.00, Rat - Category: NA	No data available	No data available	No data available	No data available
56-81-5	Glycerin	23,000.00, Mouse - Category: NA	56,750.00, Guinea Pig - Category: NA	No data available	No data available	No data available
527-07-1	Sodium gluconate	No data available	No data available	No data available	No data available	No data available
1643-20-5	Dimethyldodecylamine oxide	> 2,000.00, Rat - Category: NA	> 2,000.00, Rat - Category: NA	No data available	No data available	No data available
2682-20-4	2-methyl-3-2H-isothiazolone	120.00, Rat - Category: 3	242.00, Rat Category: 3	No data available	0.11, Rat - Category: 2	No data available
6440-58-0	Dimethylol-5,5-dimethylhydantoin	2,890.00, Rat - Category: 5	>20,000.00, Rabbit - Category: NA	No data available	No data available	No data available
9004-82-4	Sodium Lauryl Ether Sulphate (SLES /AES)	No data available	No data available	No data available	No data available	No data available
68515-73-1	D-glucopyranose, oligomeric, decyl octyl glycosides	> 2,000.00, Rat - Category: NA	> 2,000.00, Rabbit - Category: NA	No data available	No data available	No data available

#### Carcinogen Data

CAS No.	Ingredient	Source	Value
7732-18-5	Water	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

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		ACGIH	No Established Limit
56-81-5	Glycerin	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
527-07-1	Sodium gluconate	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
1643-20-5	Dimethyldodecylamine oxide	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
2682-20-4	2-methyl-3-2H-isothiazolone	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
6440-58-0	Dimethylol-5,5-dimethylhydantoin	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
9004-82-4	Sodium Lauryl Ether Sulphate (SLES /AES)	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
68515-73-1	D-glucopyranose, oligomeric, decyl octyl glycosides	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
<b>Classification</b>	<b>Category</b>	<b>Hazard Description</b>	
Acute toxicity (oral)	---	Not Applicable	
Acute toxicity (dermal)	---	Not Applicable	
Acute toxicity (inhalation)	---	Not Applicable	
Skin corrosion/irritation	---	Not Applicable	
Serious eye damage/irritation	1	Causes serious eye damage.	
Respiratory sensitization	---	Not Applicable	
Skin sensitization	---	Not Applicable	
Germ cell mutagenicity	---	Not Applicable	
Carcinogenicity	---	Not Applicable	
Reproductive toxicity	---	Not Applicable	
STOT-single exposure	---	Not Applicable	
STOT-repeated exposure	---	Not Applicable	
Aspiration hazard	---	Not Applicable	

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life.

### Aquatic Ecotoxicity

CAS No.	Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l	3hr IC50 Bacteria mg/L	Biodegradability %
7732-18-5	Water	---	---	---	---	---

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56-81-5	Glycerin	54,000.00, Oncorhynchus mykiss	1,955.00, Daphnia magna	---	---	Readily biodegradable
527-07-1	Sodium gluconate	---	---	---	---	---
1643-20-5	Dimethyldodecylamine oxide	134.00, Danio rerio	3.90, Daphnia magna	0.28 (72 hr), Pseudokirchneriella subcapitata	---	95.27
2682-20-4	2-methyl-3-2H-isothiazolone	4.77, Oncorhynchus mykiss	0.934, Daphnia magna	0.07 (72 hr), Skeletonema costatum	41.00	55.80
6440-58-0	Dimethylol-5,5-dimethylhydantoin	> 82.30, Danio rerio	29.10, Daphnia magna	> 1,000.00 (72 hr), Raphidocelis subcapitata	> 1,000.00	ca 87.00
9004-82-4	Sodium Lauryl Ether Sulphate (SLES /AES)	---	---	---	---	---
68515-73-1	D-glucopyranose, oligomeric, decyl octyl glycosides	100.81, Danio rerio	> 100.00, Daphnia magna	27.22 (72 hr), Desmodesmus subspicatus	---	100.00

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals

### 12.6. Endocrine disrupting properties

This product contains no endocrine disrupting chemicals

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Observe all federal, state and local regulations when disposing of this substance .

## SECTION 14: Transport information

	ADR/RID	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards	Marine Pollutant: No;		
14.6. Special precautions for user	No information available		
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not Applicable		

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

##### 15.1.2. National regulations

None noted.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

#### Revision Date 10/5/2023

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage .

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage .

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life .

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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