



## Meteors Chemicals Co. Ltd.

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# Safety Data Sheet

Revised: 31.01.2021

## 1. Identification of the substance/preparation and of the company/undertaking

### 1.1 Identification of the substance or preparation:

Product Name: "Frozen food storage"

Synonyms: Water-based varnish.

### 1.2 Use of the substance/preparation:

Water and grease resistance emulsion for water-based inks and overprint varnishes.

### 1.3 Company/ undertaking identification:

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## 2. Hazards identification

No specific dangers known, if the regulations/notes for storage and handling are considered.

**Label elements:** no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Product contains the following components and may cause an allergic skin reaction:

5-chloro-2- methyl-2H-isothiazol-3-one, 2-Methyl-4-Isothiazolin-3-one The substance may cause sensitization of the skin in particularly sensitive individuals. B

## 3. Composition/information on ingredients:

"ASTRAINKS – Frozen food storage for paper and corrugated cardboard".

Cas No.	Components	%
1336-21-6	Ammonium hydroxide	$\geq 0.1 - < 0.2\%$
26172-55-4	5-chloro-2-methyl-2H-isothiazol-3-one	$\geq 0.0 - < 30.0\text{PPM}$
2682-20-4	2-Methyl-4-Isothiazolin-3-one	$\geq 0.0 - < 15.0\text{PPM}$
7732-18-5	Water	$> 50.0 - < 60.0\%$
	Ammonium salt of modified acrylic copolymers	$> 40.0 - < 50.0\%$

## 4. First-aid measures

- Remove contaminated clothing. After skin contact: Rinse with water. Consult a physician if irritation occurs. If inhaled, Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.
- If on skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.
- If in eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.
- If swallowed: Rinse mouth and then drink 200-300 ml of water. Seek medical attention

**5. Fire-Fighting Measures:** Suitable extinguishing media: water spray, dry powder, foam

## **6. Accidental release measures**

Ventilate sufficiently during clean-up in case it happens inside a house. Wear protective clothing, gloves and safety goggles. Wash thoroughly with soap and water after clean-up. Do not dispose of waste to sewer.

**7. Handling and storage:** No special measures necessary provided product is used correctly.

## **8. Exposure controls/personal protection**

Components with occupational exposure limits Ammonium hydroxide

OSHA PEL PEL 50 ppm 35 mg/m<sup>3</sup>

STEL value 35 ppm 27 mg/m<sup>3</sup>

ACGIH TLV STEL value 35 ppm

TWA value 25 ppm

**Personal protective equipment:** Wear respiratory protection if ventilation is inadequate. Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

## **9. Physical and chemical properties**

### **General Information:**

Form: viscous

Odour: ammonia-like

Odour threshold: No applicable information available.

Colour: white

pH value: approx. 7.7 - 8.7 (ASTM E70)

solidification

Temperature: approx. 0 °C

The product has not been tested. Information applies to the solvent.

Boiling temperature: approx. 100 °C

Information applies to the solvent.

Flash point: No flash point - Measurement made up to the boiling point.

Flammability: not flammable

Lower explosion limit: For liquids not relevant for classification and labelling.

Upper explosion limit: As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Auto ignition: Based on the water content the product does not

ignite. Density: approx. 1.03 g/cm<sup>3</sup> (20 °C)

## **10. Stability and reactivity**

No hazardous reactions if stored and handled as prescribed/indicated. The product is stable if stored and handled as prescribed/indicated.

## 11. Toxicological information

The product contains a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS-No.:55965-84-9). The substance may cause sensitization of the skin in particularly sensitive individuals. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Aspiration Hazard

No aspiration hazard expected

## 12. Ecological information

At the present state of knowledge, no negative ecological effects are expected.

## 13. Disposal considerations

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers

## 14. Transport information

Not classified as a dangerous good under transport regulations.

## 15. Regulatory information

Registration status: Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Refer to SDS section 2 for GHS hazard classes applicable for this product.

NFPA Hazard codes: Health: 1 Fire: 0 Reactivity: 0 Special:

**Attention:** This "Material Safety Data Sheet" contains health, safety, and environmental information. The information contained herein is believed to be accurate at the time of preparation, but should only be used as guide. It is subject to revision from time to time. Most of the information is extracted from the manufacturers of raw materials. ASTRINKS Company does not warrant the completeness or accuracy of the information contained herein.