



## 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: "Flexographic varnish for food product"

Synonyms: Water-based varnish.

### 1.2 Use of the substance/preparation:

Water and grease resistance varnish.

### 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 – Varnish for food contact"

| Cas No.    | Components   | %                  |
|------------|--|--------------------|
| 1336-21-6  | ammonia solution 25 wt% in water   | $\geq 0\% - < 1\%$ |
| 55965-84-9 | mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | $= 0\% - < 0,1\%$  |
| 68441-17-8 | Polyethylene waxes, oxidized (recommended for food contact)                              | 1-10               |

## 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**

Use personal protective clothing. Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater

**7. Handling and storage:**

No special measures necessary provided product is used correctly. No special measures necessary provided product is used correctly.

**8. Exposure controls/personal protection**

Respiratory protection not required. Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation.

**9. Physical and chemical properties**

**General Information:**

Form: emulsion

Colour: opaque

Odour: faint

Odour threshold: No applicable information available.

pH value: 7 - 9(25 °C)

Freezing point: approx. 0 °C

boiling temperature: approx. 100 °C (1.013 hPa)

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

Evaporation rate: not determined

Flammability: not flammable

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

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

Ignition temperature: Based on the water content the product does not ignite.

Vapour pressure: 23,4 hPa (20 °C) Information applies to the solvent.

Density: approx. 1,06 g/cm<sup>3</sup> (20 °C)

Relative density: 1,06 (20 °C)

Relative vapour density (air): not determined

Solubility in water: miscible

Solubility (qualitative) solvent(s): organic solvents soluble

Partitioning coefficient n-octanol/water (log K<sub>ow</sub>): Study scientifically not justified.

Self ignition: not self-igniting

Thermal decomposition: Stable up to boiling point.

Viscosity, dynamic: approx. 600 mPa.s (DIN EN ISO 2555)

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

**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**

No aspiration hazard expected

## **12. Ecological information**

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

## **13. Disposal considerations**

Must be disposed of or incinerated in accordance with local regulations.

## **14. Transport information**

Not classified as a dangerous good under transport regulations.

## **15. Regulatory information**

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Not applicable

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 a 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.