



## 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: **Varnish for paper napkins.**

Synonyms: Water-based varnish.

### 1.2 Use of the substance/preparation:

Use in water-based tissue inks providing excellent bleeding resistance with good wash ability.

### 1.3 Company/ undertaking identification:

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[info@meteorschem.com](mailto:info@meteorschem.com)

## 2. Hazards identification

The product does not require a hazard warning label in accordance with GHS criteria.

According to Regulation (EC) No 1272/2008 [CLP] No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition/information on ingredients:

**ASTRAINKS** - Water and grease resistance varnish for paper napkins.

Cas No.	Components	%
7732-18-5	Water	0-10
68585-34-2	ETHOXYLATED, SULFATES, SODIUM SALTS	$>1 \geq 0.1 - < 0.2\%$
103-11-7	2-ETHYLHEXYL ACRYLATE	$\geq 0.1\% - < 0.2\%$
2634-33-5	1,2-BENZISOTHIAZOL-3(2H)-ONE	$\geq 0\% - < 0.1\%$
68439-49-6	WAX- Alcohols, C16-18, ethoxylated	1-8

## 4. First-aid measures

- Remove contaminated clothing. After skin contact: Rinse with water. Consult a physician if irritation occurs.
- If on skin: Wash thoroughly with soap and water.
- If in eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open.
- On ingestion: Rinse mouth and then drink plenty of water.
- Symptoms: No significant reaction of the human body to the product known.

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

**6. Accidental release measures**

Environmental precautions: Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

**7. Handling and storage:** No special precautions necessary.

Storage stability: Storage temperature: 5 - 40 °C,

Protect from temperatures below: 5 °C

Protect from temperatures above: 40 °C

**8. Exposure controls/personal protection**

- Components with occupational exposure limits 1336-21-6: ammonia...% (Content (W/W): < 0.1 %)

TWA value 14 mg/m<sup>3</sup>; 20 ppm (OEL (EU)) indicative

STEL value 36 mg/m<sup>3</sup>; 50 ppm (OEL (EU)) indicative.

- General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

**9. Physical and chemical properties**

**General Information:**

Form: liquid

Colour: white to slightly yellow

Odour: acrylic-like

Odour threshold: Not determined due to potential health hazard by inhalation.

PH value: approx. 7.5

Freezing point: 0 °C - Information applies to the solvent.

Onset of boiling: approx. 100 °C (1,013 hPa)

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

Evaporation rate: not determined

Flammability: not flammable

Lower 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

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.

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. 1.08 g/cm<sup>3</sup> (20 °C)

Relative density: approx. 1.08 (20 °C)

Relative vapour density (air): not determined

Solubility in water: dispersible

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

Self ignition: Based on the water content the product does not ignite.

Thermal decomposition: Stable up to boiling point.

Viscosity, dynamic: No data available.

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**

- Acute toxicity: not determined.
- Skin corrosion/irritation rabbit: non-irritant.
- Serious eye damage/irritation rabbit: non-irritant.
- Germ cell mutagenicity: The substance was not mutagenic in mammalian cell culture. The substance was not mutagenic in bacteria.
- Aspiration hazard: 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**

Chemical Safety Assessment not yet performed due to registration timelines.

**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.