



## Meteors Chemicals Co. Ltd.

Abdullah II Bin Al-Hussein Industrial Estate P.O.Box 157 Sahab -11512, Amman, Jordan

Tel: (+962-6) 402-94-10 (+962-6) 402-94-11, [info@meteorschem.com](mailto:info@meteorschem.com)

[www.astrainks.com](http://www.astrainks.com)

# 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 flexible packaging"

Synonyms: Water-based varnish.

### 1.2 Use of the substance/preparation:

Varnish for flexible packaging films (PP, BOPP, HDPE) films and aluminum substrates.

### 1.3 Company/ undertaking identification:

Meteors Chemicals Co. Ltd.

Abdullah II Bin Al-Hussein Industrial Estate P.O.Box 157 Sahab -11512, Amman, Jordan

(+962-6) 402-94-10 / 402-94-11

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

## 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 - Flexible packaging varnish (PP,BOPP,HDPE) films and aluminum substrates".

Cas No.	Components	%
2682-20-4	2-methylisothiazol-3(2H)-one	$\geq 0\% - < 0.0015$
1336-21-6	Ammonium salt of modified styrene acrylic polymers, in water	$< 0.1\%$
1066-33-7	Ammonium hydrogencarbonate	$\geq 1\% - \leq 2\%$
7732-18-5	Water	$> 50.0 - < 60.0\%$
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 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**

Respiratory protection not required. Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is required additionally to the stated personal protection equipment.

## **9. Physical and chemical**

### **properties**

Form: viscous

Colour: white

Odour: ammonia-like

Odour threshold: not

determined pH value: 7.3 - 8.3

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

Boiling point: 100 °C 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: not applicable

Vapour pressure: 23.4 hPa (20 °C) Information applies to the solvent.

Density: approx. 1.05 g/cm<sup>3</sup> (20 °C) (ISO 2811-3)

Relative density: 1.05 (20 °C)

Relative vapour density (air): not determined

Solubility in water: dispersible

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: 300 - 1,000 mPa.s (25 °C) (BASF Method QA-2-2)

Explosion hazard: not explosive

Fire promoting properties: not fire-propagating

## **10. General Information:**

No hazardous reactions if stored and handled as prescribed/indicated.

## **11. Stability and reactivity**

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

## **12. Toxicological information**

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

## **13. Ecological information**

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

## **14. 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.

## **15. Transport information**

Not classified as a dangerous good under transport regulations.

## **16. Regulatory information**

This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular, this concerns the application for products that are the object of special standards and regulations.

**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.