FPB.001-11.01

# SAFETY DATA SHEET
# EXELANS ASTAR

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

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

### 1.1. Product identifier

**Product name** EXELANS ASTAR

**Product number** 589

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

**Identified uses** Water-based ,acrylic copolymer binder-based primer with silicone.

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

**Contact person** Occupational Health and Safety Department

**Manufacturer** POLİSAN KANSAI BOYA SAN. VE TİC. A.Ş.
Demirciler Osb. Mh. Refik Baydur Cd. No:7/3 Dilovası - KOCAELİ
TURKIYE
www.kansaipolisan.com.tr
+90 262 679 60 00
+90 262 606 03 70
info@kansaipolisan.com

### 1.4. Emergency telephone number

**Emergency telephone** ULUSAL ZEHIR DANISMA MERKEZI(UZEM):114 POLISAN KANSAI BOYA SAN. TİC. A.Ş. : +90 262 679 73 45

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (SI 2019 No. 720)**

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**Human health** For health or environmental hazard under current legislation is not counted. The most recent published account of the product "General Classification guideline for preparations of the EU are required to be labeled due to the calculation procedure.

**Environmental** The product is not expected to be hazardous to the environment.

**Physicochemical** The product isn't flammable.

**Classification (Regulation (EC) No. 1272/2008 CLP).**

### 2.2. Label elements

**Hazard statements** EUH208 Contains . May produce an allergic reaction.

**Precautionary statements** P102 Keep out of reach of children.
P103 Read label before use.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P404 Store in a closed container.
P410 Protect from sunlight.
P501 Dispose of contents/ container in accordance with international regulations.

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### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**ETHANEDIOL** **1-5%**

CAS number: 107-21-1 EC number: 203-473-3

**Classification**
Acute Tox. 4 - H302
STOT RE 2 - H373

**reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)** **<0,002%**

CAS number: 55965-84-9

M factor (Acute) = 100 M factor (Chronic) = 100

SCL:Skin Corr. 1C - H314C ≥ 0,6 %Eye Irrit. 2 - H319: 0,06 % ≤ C < 0,6 %Skin Irrit. 2 - H315: 0,06 % ≤ C < 0,6 %Skin Sens. 1A - H317C ≥ 0,0015 %

**Classification**
Acute Tox. 3 - H301
Acute Tox. 2 - H310
Acute Tox. 2 - H330
Skin Corr. 1C - H314
Eye Dam. 1 - H318
Skin Sens. 1A - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** If in doubt, get medical attention promptly. Get medical attention if symptoms are severe or persist. Never give anything by mouth to an unconscious person. Show this Safety Data Sheet to the medical personnel.

**Inhalation** N/A

**Ingestion** Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water.

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

**General information** See Section 11 for additional information on health hazards.

**Ingestion** May be harmful if swallowed.

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

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

## SECTION 5: Firefighting measures

# EXELANS ASTAR

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is non-combustible.

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

**Specific hazards** Not relevant. Unusual fire or explosion hazards are not noted.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** No specific equipment is mandatory.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Contain spillage with sand, earth or other suitable non-combustible material.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see section 13. For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read label before use.

**Advice on general occupational hygiene** Wash skin thoroughly after handling.

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

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** Use the product according to its Technical Data Sheet or instructions written on the label.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

**Occupational exposure limits**

**ETHANEDIOL**

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m³ vapour
Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m³ vapour
Sk
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate
Sk

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

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**Protective equipment**



| | |
|---|---|
| **Appropriate engineering controls** | Provide adequate ventilation. |
| **Personal protection** | Use the personal protective equipments showed above. |
| **Eye/face protection** | Wear chemical splash goggles. |
| **Hand protection** | Wear protective gloves. |
| **Other skin and body protection** | Wear apron or protective clothing in case of contact. |
| **Hygiene measures** | Wash skin thoroughly after handling. |
| **Respiratory protection** | No specific recommendations. |
| **Environmental exposure controls** | Look upto Chapter 6 |

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| **Appearance** | Liquid. |
| **Colour** | White/off-white. |
| **Odour** | Characteristic. |
| **pH** | pH (concentrated solution): 8 - 9 |
| **Flash point** | Not relevant. |
| **Upper/lower flammability or explosive limits** | Not relevant. |

### 9.2. Other information

| | |
|---|---|
| **Other information** | Matt. |
| **Saturation concentration** | No information available. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

| | |
|---|---|
| **Reactivity** | Stable under normal conditions. |

### 10.2. Chemical stability

| | |
|---|---|
| **Stability** | Stable at normal ambient temperatures and when used as recommended. |

### 10.3. Possibility of hazardous reactions

| | |
|---|---|
| **Possibility of hazardous reactions** | Not relevant. Will not polymerise. |

### 10.4. Conditions to avoid

| | |
|---|---|
| **Conditions to avoid** | Avoid freezing. |

### 10.5. Incompatible materials

| | |
|---|---|
| **Materials to avoid** | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |

### 10.6. Hazardous decomposition products

| | |
|---|---|
| **Hazardous decomposition products** | Does not decompose when used and stored as recommended. |

## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

**Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity - oral**

| | |
|---|---|
| **ATE oral (mg/kg)** | 25,000.0 |

| | |
|---|---|
| **General information** | No specific health hazards known. |
| **Inhalation** | No specific health hazards known. |
| **Ingestion** | May cause discomfort if swallowed. |
| **Skin contact** | No specific health hazards known. |
| **Eye contact** | May cause temporary eye irritation. |
| **Acute and chronic health hazards** | May cause discomfort. |
| **Medical symptoms** | May cause discomfort if swallowed. |
| **Medical considerations** | No information available. |

### 11.2 Information on other hazards

**Information on other hazards**

## SECTION 12: Ecological information

| | |
|---|---|
| **Ecotoxicity** | Not regarded as dangerous for the environment. |

### 12.1. Toxicity

**Acute aquatic toxicity**

| | |
|---|---|
| **Acute toxicity - fish** | $LC_{50}$, 96 hours: 158 mg/l, Fish |
| **Acute toxicity - aquatic invertebrates** | $EC_{50}$, 48 hours: 0,12 mg/l, Daphnia magna |

### 12.2. Persistence and degradability

| | |
|---|---|
| **Persistence and degradability** | The product is not biodegradable. |

### 12.3. Bioaccumulative potential

| | |
|---|---|
| **Bioaccumulative potential** | There is no information about experimantal datas of product |

### 12.4. Mobility in soil

| | |
|---|---|
| **Mobility** | Not considered mobile. |

### 12.5. Results of PBT and vPvB assessment

### 12.6 Endocrine disrupting properties

**Endocrine disrupting properties**

### 12.6. Other adverse effects

| | |
|---|---|
| **Other adverse effects** | Not available. |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

| | |
|---|---|
| **General information** | The generation of waste should be minimised or avoided wherever possible. |
| **Disposal methods** | No specific equipment is required. Wash the equipments after use. |

# EXELANS ASTAR

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

**UN number or ID number**

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

**EU legislation**

According to Regulation EC no: 1272/2008

**Guidance** Workplace Exposure Limits EH40.

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### 15.2. Chemical safety assessment

## SECTION 16: Other information

| | |
|---|---|
| **General information** | This safety data sheet information was prepared as a requirement of Chemical Substances Regulations. Special conditions, the supplier of the product are beyond our control utilization, the consumer is responsible for ensuring mandatories of legislation on the subject. This security information is in the form of interest today are based on the national legislation of the state consists of, health, safety and environmental respects the way. For special cases, technical performance and does not guarantee conformance. Given is based on our present knowledge, however, does not constitute a guarantee for any specific product features and shall not establish a legally valid contract. This safety data sheet information was prepared as a requirement of Chemical Substances Regulations. Product 1 Chapter gives other than those specified. Utilization of the product are beyond our control to special conditions, the supplier, the consumer is responsible for ensuring that the requirements of legislation on the subject. Information consisting of present-day situation in this safety data sheet are based on national legislation, health, safety and environmental respects the way. Technical performance and does not guarantee suitability for specific situations. Based on our present knowledge projects, but they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. |
| **Issued by** | NİHAL ŞAHİN /KDU01.27.07 |
| **Revision date** | 24/06/2024 |
| **Revision** | 01 |
| **Supersedes date** | 30/05/2016 |
| **SDS number** | 10269 |
| **Hazard statements in full** | H301 Toxic if swallowed.<br>H302 Harmful if swallowed.<br>H310 Fatal in contact with skin.<br>H314 Causes severe skin burns and eye damage.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>H330 Fatal if inhaled.<br>H400 Very toxic to aquatic life.<br>H410 Very toxic to aquatic life with long lasting effects.<br>H373 May cause damage to organs through prolonged or repeated exposure if swallowed or if inhaled.<br>EUH208 Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.