

SAFETY DATA SHEET

According to Regulation (EC) No 1272/2008 [CLP]

Substance/Mixture Name	ARGOPRINT 160	Preparation Date	10.01.2000
		Revision Date	03.03.2017
Form Number	AK-SDS- 83	Revision Number	5
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1. Identification of the substance/mixture and of the company/undertaking**1.1. Product Identifier****Product Name** ARGOPRINT 160**Chemical Name** Polyacrylate Inverse Emulsion**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** High Concentration Apeo Free Synthetic Thickener for Pigment Printing with High Electrolyte Stability Ensuring Excellent Colour Yield & Sharp Definition**1.3. Details of the supplier of the safety data sheet****Company Name** Argon Kimya San. Tic. A.Ş.**Full Address** Çerkezköy Organize Sanayi Bölgesi Yıldırım Beyazıt Mah.
Yıldız Sok. No:10-12 Çerkezköy-Tekirdağ/Türkiye**Phone** + 90 282 726 19 90**Fax** + 90 282 726 55 11**E-mail Address** info@argon.com.tr**1.4. Emergency Telephone Number****For urgent inquiries refer to** + 90 282 726 19 90 (Ext:202)
114(UZEM)

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2. Hazards Identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [CLP]**

The product is not classified as hazardous according to Regulation (EC)1272/2008.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.2. Label elements**Labelling according to Regulation (EC) No 1272/2008 [CLP]**

The product is not labelled as hazardous according to Regulation (EC)1272/2008

Additional Labelling:

Technical data sheet available on request for professional users.

2.3. Other hazards

No data available

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3. Composition/information on ingredients**3.1. Substances**

Not applicable

3.2. Mixture

Polyacrylate Inverse Emulsion

4. Description of first aid measures**After eye contact**

Wash immediately with plenty of water at least 15 minutes. Seek medical advice.

After skin contact

Wash immediately with plenty of water. Remove contaminated clothing.

After inhalation

Move to fresh air. If breathing is irregular, seek medical advice.

After swallowing

Obtain immediate medical attention. Never attempt to induce vomiting.

Never give anything by mouth to an unconscious person.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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5. Fire fighting measures**5.1. Suitable extinguishing agents**

Carbon dioxide, foam, powder and nebulised water.

5.2. Special hazards arising from the substance or mixture**Thermal decomposition**

Thermal decomposition may yield acrylic monomers.

5.3. Advice for firefighting

Special protective equipment for fire-fighters: Wear a self-contained breathing apparatus and complete protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. More information about personal precautions available in section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/ subsoil.

6.3. Methods and material for containment and cleaning up

Contaminated material should be disposed as in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Personal protection equipment: see Section 8.

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7. Handling and storage**7.1. Precautions for safe handling**

Avoid direct contact with eyes, skin and clothing.

Keep only in the original tightly closed container in a well ventilated place.

Do not breathe vapours.

7.2 Conditions for safe storage, including any incompatibilities**Further information on storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

Protect from direct sunlight.

Keep from freezing – product stability may be affected.

Should be stored between +5 °C and +35 °C, and should be kept at the storage temperature if the goods transferring to storage tanks. Stir well before use.

Other data : Product keeps its stability under recommended storage conditions.

7.3. Specific end use(s)

Recommendations: Follow the instructions given in the SDS for safety use.

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8. Exposure controls / Personal protection**8.1. Control parameters**

All values of hazardous materials in the product under the required limits.

8.2. Exposure controls

Observance of safety equipments used in handling chemical substances.

Eye/Skin Protection:

Avoid direct contact with eyes and skin.

Hand/face protection:

Use protective gloves

Wear protective goggles

Hands and/or face should be washed before breaks and at the end of the shift.

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9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	Liquid
Colour	Yellow
Odour	Characteristic
Odour threshold	No data available
pH	6.0 – 8.0
Melting point/freezing point	0°C
Boiling point and boiling range	approx.100°C
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Does not apply, mixture is a liquid
Upper/lower flammability limits	Does not apply, mixture is not flammable
Vapour pressure	No data available
Vapour density	>1,0 g/cm ³ @ 20°C
Relative density	No data available, testing is technically not possible
Solubility in water	Miscible in water
Partition coefficient (n-octanol /water)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Max.5000 mPas
Explosive properties	Does not apply, mixture is not explosive
Oxidising properties	Does not apply, mixture is not oxiditions

9.2 Other information

No additional information relevant to safe use of the mixture

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10. Stability and reactivity**10.1. Reactivity**

There are no particular risks of reaction with other substances under normal conditions of use.

10.2. Chemical Stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to Avoid

Protect from hot and cold.

10.5 Incompatible materials

There are no known materials which are incompatible with this product.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

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11. Information on toxicological**11.1. Information on toxicological effect****Acute toxicity****Acute Oral Toxicity**LD₅₀ >5000 mg/kg (rat)
Method : EEC 84/449,B.1**Acute Dermal Toxicity**Non-irritant (Rabbit)
Method : EEC 84/449,B.4**Acute Inhalation Toxicity**LC₅₀ > 2,25 mg/l (Rat)
Method : OECD 400**Skin corrosion/skin irritation**Non-irritant (Rabbit)
Method : EEC 84/449,B.4**Serious eye damage/irritation**Non-irritant.
Method : EEC 84/449,B.5**Respiratory or skin sensitization**

Non-sensitizing

Germ cell mutagenic

All in vitro genotoxicity tests were negative

Carcinogenicity

Carcinogenic potential is not expected

**Specific target organ toxicity
(single exposure)**

Based on available data the classification criteria are not met

**Specific target organ toxicity
(repeated exposure)**

Based on available data the classification criteria are not met

Aspiration hazard

Not applicable

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12. Ecological information**12.1. Toxicity**

Fish Toxicity	LC ₅₀ >100 mg/l (96 h,Fish) Method: OECD 203 Chronic Toxicity: No data available
Daphnia and other aquatic invertebrates	EC ₅₀ >100 mg/l Daphnia magna (24 h) Method: OECD 202 Chronic Toxicity: No data available
Aquatic plants	EC ₅₀ > 100 mg/l Desmodemus subspicatus (72 h) Method: OECD 201
Bacterial toxicity	EC ₅₀ approximately 1.000 mg/l Method : OECD 209

12.2 Persistence and degradability

Biodegradability	>80 % Method : OECD 301 B
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12.3 Bioaccumulative potential

Not potentially bioaccumulable

12.4 Mobility in soil

Do not allow to penetrate the sewers, surface water, groundwater.

12.5 Results of PBT and vPvB assessment

This mixture does not meet the PBT/ vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

No data available



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13. Disposal considerations

13.1. Waste treatment methods

Dispose of material in accordance with federal, state and local requirements

Contaminated packaging

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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14. Transport information

Not classified as a hazardous good under transport regulations

(ADR / RID IMDG and ICAO / IATA)

14.1 UN Number

Not applicable

14.2 UN Proper Shipping Name

Mixture, liquid, not otherwise specified.

14.3 Transport Hazard Class(es)

Not applicable

14.4 Packing Group

Not applicable

14.5 Environmental Hazards

Product does not be classified as hazardous to environment.

14.6 Special Precautions For User

See Material Safety Data Sheet Section 6 up to Section 8

14.7 Transport in Bulk According to Annex II Of MARPOL 73/78 and the IBC Code

Not applicable

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15 . Regulatory information

The product doesn't need to be classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 [CLP].

16. Other information**Abbreviations**

UZEM : National poison consultation center

OECD : Organization for Economic Development and Cooperation

ADR : European Agreement on International Carriage of Dangerous Goods by Road

RID : Implementing Regulation on International Transport of Dangerous Goods by Railway

IMDG : Arrangement for the Transportation of Dangerous Goods by Sea

ICAO : International Civil Aviation Organization

IATA : International Air Transport Association

Prepared

Name and surname : EMEL OKUTUCU

Contact information : emel.okutucu@argon.com.tr

Document no : 01.103.12

Document Effective Date : 15.11.2019

For further technical information, demand for Technical Data Sheet.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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