

Safety Data Sheet in accordance with Regulation (EU) 1907/2006 as amended



Appretan Thickener 2710 liq 0130

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Substance key: 000000021135

Revision Date: 31.08.2023

Version : 3 - 9 / EU

Date of printing : 03.03.2025

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

1.1. Product identifier

Trade name

Appretan Thickener 2710 liq 0130

Material number: 147418

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

Relevant identified uses of the substance or mixture

Industry sector : Textile processing industry

Type of use : Textile finish

1.3. Details of the supplier of the safety data sheet

Identification of the company

ARCHROMATURKEY Kimya Sanayi
ve Ticaret Ltd. Şti.
Gebze Organize Sanayi Bölgesi İhsan Dede Cad. No:124 Gebze
41480 Kocaeli / TURKEY
Telephone no. : +90 262 672 12 12

Information about the substance/mixture

e-mail: PS.MSDS-Europe@archroma.com

1.4. Emergency telephone number

+49 69 2222 5285, +33 1 7211 0003 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Not a hazardous substance or mixture.

2.2. Label elements

Labelling according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Not a hazardous substance or mixture.

2.3. Other hazards

No additional hazards are known except those derived from the labelling.

Contains no components identified as PBT or vPvB with a content $\geq 0,1$ %

Contains no component identified as having Endocrine disrupting properties with a content $\geq 0,1$ %

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Polyacrylate emulsion

Hazardous ingredients

Isotridecanol ethoxylated

Concentration : < 5 %
CAS number : 69011-36-5
EC number: 500-241-6

GHS classification EC

Acute toxicity	Category 4	H302
Serious eye damage	Category 1	H318

Naphtha (petroleum), hydrotreated heavy

Concentration : < 3 %
CAS number : 64742-48-9
EC number: 265-150-3

Index Number 649-327-00-6

GHS classification EC

Aspiration hazard	Category 1	H304
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Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Concentration : < 3 %
CAS number : 246538-78-3
EC number: 920-901-0

REACH - Registration number according to article 20(3): 01-2119456810-40-XXXX

GHS classification EC

Aspiration hazard	Category 1	H304
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The text of the H-phrases is shown in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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General information

Remove/Take off immediately all contaminated clothing.
Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).

After inhalation

If inhaled, remove to fresh air.
Get medical advice/ attention.

After contact with skin

If on skin, rinse well with water.

After contact with eyes

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Call in a physician immediately and show him the Safety Data Sheet.

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

Symptoms

The possible symptoms known are those derived from the labelling (see section 2).

Hazards

No additional hazards are known except those derived from the labelling.

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

Treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet
Foam
Dry powder
Carbon dioxide (CO₂)

Extinguishing media that must not be used for safety reasons

none

5.2. Special hazards arising from the substance or mixture

In case of fire hazardous decomposition products may be produced such as:
Carbon oxides
Nitrogen oxides (NO_x)
ammonia
Hydrogen cyanide (hydrocyanic acid)

5.3. Advice for firefighters

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Special protective equipment for firefighting

Self-contained breathing apparatus
Full protective suit

Further information

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment.
Ventilate the area.

6.2. Environmental precautions

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
The product should not be allowed to enter drains, water courses or the soil.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

Additional information

Information regarding Safe handling, see chapter 7.
For personal protection see section 8.
Information regarding Waste Disposal, see chapter 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation.
Use only in area provided with appropriate exhaust ventilation.

Hygiene measures

Wash hands before breaks and at the end of workday.
Use protective skin cream before handling the product.
Take off immediately all contaminated clothing and wash it before reuse.
Do not eat, drink or smoke when using this product.
Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

Observe the general rules of industrial fire protection

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage areas and containers

Keep only in the original container.

Advice on storage compatibility

Keep away from water.

Further information on storage conditions

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

Recommended storage temp 5-30 °C

Protect against frost. The product after freezing is no longer usable

Storage stability

Shelf life is limited; refer to the certificate of analysis.

7.3. Specific end use(s)

No further recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Exposure limit values are not available.

DNEL/DMEL values

DNEL/DMEL values are not available.

PNEC values

PNEC values are not available.

8.2. Exposure controls

Appropriate engineering controls

Local ventilation recommended - mechanical ventilation may be used.

General protective measures

Observe the usual precautions for handling chemicals.

Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection :

Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure
Filter A (organic gases and vapours) to standard DIN EN 141

Hand protection :

Nitrile rubber gloves.

These types of protective gloves are offered by various manufacturers. Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time. Consider also the particular working conditions under which the gloves are being used.

Eye protection :

Safety glasses
see respiratory protection

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state :	liquid
Form :	viscous liquid
Colour :	milky
Odour :	aliphatic
Odour threshold :	not available
Melting point :	< 5 °C
Boiling point :	> 100 °C
Lower explosion limit :	not available
Upper explosive limit :	not available
Flash point :	does not flash
Ignition temperature :	not available
Self-ignition temperature :	Not applicable
Thermal decomposition :	> 150 °C
pH value :	8 - 11 (5 g/l)
Viscosity (kinematic) :	> 20,5 mm ² /s (40 °C)
Viscosity (dynamic) :	> 24,6 mPa.s Method : calculated
Solubility in water :	miscible
Octanol/water partition coefficient (log Pow) :	This property is not applicable for mixtures.
Vapour pressure :	2,3 kPa (20 °C)
Density :	approx. 1 - 1,2 g/cm ³
Relative Density:	1 - 1,2
Vapour density relative to air :	0,804 (20 °C)
Particle size :	Not applicable

9.2. Other information

Explosive properties :	Explosive according to EU supply regulations : Not explosive Method : Expert judgement
Combustion number :	Not applicable
Oxidizing properties :	Type of oxidizing effect : not oxidizing Method : Expert judgement
Evaporation rate :	not available

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Minimum ignition energy : not available

Surface tension : not available

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.3. "Possibility of hazardous reactions"

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Reactions with oxidising agents.

10.4. Conditions to avoid

Keep away from oxidizing agents.
Protect from frost, heat and sunlight.

10.5. Incompatible materials

not known

10.6. Hazardous decomposition products

Hazardous decomposition products:
Nitrogen oxides (NO_x)
Carbon monoxide and carbon dioxide
Ammonia
Hydrogen cyanide (hydrocyanic acid)

SECTION 11: Toxicological information

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

Information related to the product itself:

Acute oral toxicity : Acute toxicity estimate > 2.000 mg/kg
Method : Calculation method

Acute dermal toxicity : not available

Acute inhalation toxicity : not available

Irritant effect on skin : Based on available data, the classification criteria are not met.

Irritant effect on eyes : No eye irritation
Method : OECD Test Guideline 437

Sensitization : No sensitisation effects are known

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Repeated dose toxicity: not available

Genetic toxicity in vitro : not available

Carcinogenicity : not available

Developmental toxicity/teratogenicity : not available

Toxicity to reproduction/fertility : not available

Specific target organ toxicity (STOT) - single exposure : not available

Specific target organ toxicity (STOT) - repeated exposure : not available

Aspiration hazard :
No data available

Information related to the component: Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Acute oral toxicity : LD50 > 5.000 mg/kg (Rat)
Method : OECD Test Guideline 401
Read-across (Analogy)

Acute dermal toxicity : LD50 > 5.000 mg/kg (Rabbit)
Method : OECD Test Guideline 402
Information taken from reference works and the literature.

Acute inhalation toxicity : LC50 > 4,951 mg/l (4 h, Rat)
Method : OECD Test Guideline 403
Read-across (Analogy)

Irritant effect on skin : No skin irritation (Rabbit)
Method : OECD Test Guideline 404
Read-across (Analogy)

Irritant effect on eyes : No eye irritation (Rabbit)
Method : OECD Test Guideline 405
Read-across (Analogy)

Sensitization : Does not cause skin sensitisation. (Guinea pig)
Method : OECD Test Guideline 406
Read-across (Analogy)

Repeated dose toxicity: Repeated dose toxicity
Route of application: Oral
NOAEL: > 1.000 mg/kg (Rat)
Method : OECD Test Guideline 422
Information taken from reference works and the literature.
Repeated Dose Toxicity (subchronic study)
Route of application: Inhalation
NOAEL: >= 200 mg/l (Rat)
Method : OECD Test Guideline 413

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	Read-across (Analogy)
Genetic toxicity in vivo :	Mutagenicity (in vivo mammalian bone-marrow cytogenetic test, chromosomal analysis) Mouse (CD1, male and female) oral (gavage) Method : OECD Test Guideline 474 negative
Genetic toxicity in vitro :	Test type : Ames test Metabolic activation : with and without Result : negative Method : OECD Test Guideline 471 Read-across (Analogy) Test type : In vitro cytogenicity study in mammalian cells Metabolic activation : with and without Result : negative Method : OECD Test Guideline 473 Read-across (Analogy) Test type : In vitro gene mutation study in mammalian cells Metabolic activation : with and without Result : negative Method : OECD Test Guideline 476 Read-across (Analogy)
Developmental toxicity/teratogenicity :	Route of application: Oral NOAEL: 1.000 mg/kg (Rat) NOAEL (maternal): 500 mg/kg (Rat) Method : OECD Test Guideline 414 Read-across (Analogy)
Toxicity to reproduction/fertility :	One generation study NOAEL parent: \geq 3.000 mg/kg (Rat) NOAEL F1: \geq 3.000 mg/kg (Rat) Method : OECD Test Guideline 415 Read-across (Analogy)
Aspiration hazard :	May be fatal if swallowed and enters airways.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Information related to the product itself:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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11.2.2. Other information

Remarks

The mixture consists of ingredient(s) with unknown acute toxicity.

SECTION 12: Ecological information

12.1. Toxicity

Information related to the product itself:

Fish toxicity :	not available
Fish toxicity (chronic) :	not available
Daphnia toxicity :	not available
Daphnia toxicity (chronic) :	not available
Algae toxicity :	not available
Bacteria toxicity :	not available

Information related to the component: Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Fish toxicity :	LC50 > 1.000 mg/l (96 h, Oncorhynchus mykiss (rainbow trout)) Method : OECD Test Guideline 203 Read-across (Analogy)
Fish toxicity (chronic) :	NOEC 0,316 mg/l (28 d, Oncorhynchus mykiss (rainbow trout)) No toxicity at the limit of solubility The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (Cesar models), etc.
Daphnia toxicity :	EC50 > 1.000 mg/l (48 h, Daphnia magna (Water flea)) Method : OECD Test Guideline 202 Read-across (Analogy)
Daphnia toxicity (chronic) :	NOEC 1 mg/l (21 d, Daphnia magna (Water flea)) Method : OECD Test Guideline 211 No toxicity at the limit of solubility
Algae toxicity :	EC50 (Growth rate) > 1.000 mg/l (72 h, Pseudokirchneriella subcapitata (green algae)) Method : OECD Test Guideline 201 Read-across (Analogy)
Bacteria toxicity :	EC50 > 2.000 mg/l (5 h, Pseudomonas putida) Read-across (Analogy)

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12.2. Persistence and degradability

Information related to the product itself:

Physico-chemical eliminability : not available

Biodegradability : not available

Information related to the component: Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Photodegradation : air
0,963 d
The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (Cesar models), etc.

Biodegradability : 89,8 % (28 d)
Readily biodegradable.
Method : OECD Test Guideline 301F
Read-across (Analogy)

12.3. Bioaccumulative potential

Information related to the product itself:

Bioaccumulation: No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Information related to the component: Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Bioaccumulation: Bioconcentration factor (BCF): 144,3
The value is given based on a SAR/AAR approach using OECD Toolbox, DEREK, VEGA QSAR models (Cesar models), etc.

12.4. Mobility in soil

Information related to the product itself:

Transport and distribution between environmental compartments : No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Information related to the component: Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

Transport and distribution between environmental compartments : Adsorption/Soil
Koc : 14454
log Koc : 4,16
Read-across (Analogy)

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12.5. Results of PBT and vPvB assessment

Information related to the product itself:

No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Information related to the component: Hydrocarbons, C11-C13, isoalkanes, <2% aromatics

The substance is not identified as a PBT or as a vPvB substance.

12.6. Endocrine disrupting properties

Information related to the product itself:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Information related to the product itself:

Additional ecotoxicological remarks

Product does not contain any organic bound Halogens which could lead to AOX-values.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Uncleaned packaging

Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14: Transport information

Section 14.1. to 14.5.

ADR	not restricted
ADN	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

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14.7. Maritime transport in bulk according to IMO instruments

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

Other regulations

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

15.2. Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

SECTION 16: Other information

See product leaflet

List of the text of the hazard statements mentioned section 3 (H-phrases) :

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.

Legend

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
AOX	Adsorbable organic bound halogens
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect Level (genotoxic substances)
DNEL	Derived No Effect Level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOEC	Non Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PEC	Predicted Environmental Concentration

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PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Rule for Transport of Dangerous Substances by Railway
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bioaccumulative

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