

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/878

Date of issue: 08.03.2023
SDS NO: 141.02

ACRYL XP

Revision date: 22.04.2025
Revision No: 01

1) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product Name : ACRYL XP
Product Form : Mixture

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

Area of Usage : Raw material for the chemical-technical industry

1.3. Details of the supplier of the safety data sheet

Importer/Distributor: KDK KİMYA DERİ GIDA İNŞ.SAN.TİC.LTD.ŞTİ
İstanbul Deri Organize Sanayi Bölgesi Dilek Sokak No:6/2 10-10
Özel Parsel Tuzla/İstanbul
Tel: 0216 394 10 85
info@kdkkimya.com - www.kdkkimya.com

1.4. Emergency telephone number: No additional information available

2) HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

Hazard classification and indication:

Physicochemical	Not classified
Health	Not classified
Environmental	Not classified

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: Not applicable
Signal words: Not applicable
Hazard statements: Not applicable
Precautionary statements: Not applicable

2.3. Other hazards

The product does not meet PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative) criteria.

3) COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

Not applicable

3.2. Mixtures

Chemical Nature:
Polycarboxylate, Copolymer, Sodium Salt, In Water

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4) FIRST AID MEASURES**4.1. Description of first aid measures**

Remove contaminated clothing.

EYES: Wash affected eyes for at least 15 minutes under running water with eyelids held open.

SKIN: Wash thoroughly with soap and water.

INHALATION: Keep patient calm, remove to fresh air.

INGESTION: Rinse mouth and then drink plenty of water.

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

Symptoms: No significant symptoms are expected due to the non-classification of the product.

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

Treat symptomatically.

5) FIREFIGHTING MEASURES**5.1. Extinguishing media**

Suitable Extinguishing Equipment: Water Spray, Dry Powder, Foam

5.2. Special hazards arising from the substance or mixture

Harmful Vapours, Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

5.3. Advice for firefighters

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

6) ACCIDENTAL RELEASE MEASURES

High risk of slipping due to leakage/spillage of product.

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see, section 8.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

For large amounts: Dike spillage. Pump off product.

For residues: Pick up with suitable absorbent material.

Dispose of absorbed material in accordance with regulations.

6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

7) HANDLING AND STORAGE**7.1. Precautions for safe handling**

No special measures necessary provided product is used correctly.

Protection against fire and explosion: No special precautions necessary.

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7.2. Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Stainless steel 1.4401, Stainless steel 1.4301 (V2), High density polyethylene (HDPE), glass, Low density polyethylene (LDPE)

Further information on storage conditions: Keep container tightly closed and in a cool place.
The packed product is not damaged by low temperatures or by frost.

Protect from temperatures above: 65 °C

Properties of the product change irreversibly on exceeding the limit temperature.

7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Components with occupational exposure limits**

No occupational exposure limits known.

8.2. Exposure controls**Personal protective equipment****Respiratory Protection**

Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand Protection

Chemical resistant protective gloves (EN 374)

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

Manufacturer's directions for use should be observed because of great diversity of types.

Body Protection

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

Eye Protection

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

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

Physical Form

Liquid

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Colour	Clear
Odour	Odorless
Odour threshold	Not available
pH	8-+1
Solidification temperature	Approx. -5 °C
Boiling temperature	100 °C
Flash point	> 100 °C
Evaporation rate	Not determined
Flammability	Not flammable
Ignition temperature	> 200 °C
Vapour pressure	Approx. 23 mbar (20 °C)
<i>Information on: Water</i> Vapour pressure	23 hPa (20 °C)
Density	Approx. 1.30 g/cm ³ (23 °C)
Relative vapour density (air)	Not determined
Solubility in water	Soluble
Partition coefficient: n-octanol/water	-4.20
Self ignition	Not self-igniting
Thermal decomposition	> 150 °C
Viscosity, dynamic	Approx. 2,000 mPa.s (23 °C)
Explosion hazard	Not explosive
Fire promoting properties	Not fire-propagating

9.2. Other information

Miscibility with water: Miscible in all proportions

Flow time: 102 s (20 °C)

Grain size distribution: The substance / product is marketed or used in a non-solid or granular form.

10) STABILITY AND REACTIVITY

10.1. Reactivity

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

Corrosion to metals: No corrosive effect on metal.

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

10.4. Conditions to avoid

See SDS section 7 - Handling and storage.

10.5. Incompatible materials

Substances to avoid:

strong acids, strong bases, water reactive substances

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10.6. Hazardous decomposition products

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

11) TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Acute toxicity:**

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion.

Experimental/calculated data: LD50 rat (oral): > 5,000 mg/kg (OECD Guideline 401)

LC50 rat (by inhalation): Not determined

LD50 rat (dermal): Not determined

Irritation:

Assessment of irritating effects: Not irritating to eyes and skin.

Experimental/calculated data: Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation rabbit: non-irritant (OECD Guideline 405)

Respiratory or Skin Sensitization:

Experimental/calculated data: Guinea pig maximization test guinea pig: Non-sensitizing. (OECD Guideline 406)

Germ Cell Mutagenicity:

Experimental/calculated data: Ames-test

Negative

Carcinogenicity:

Assessment of carcinogenicity: No data available concerning carcinogenic effects.

Reproductive Toxicity:

Assessment of reproduction toxicity: No data available concerning reproduction toxicity.

Developmental Toxicity

Assessment of teratogenicity: No data available concerning teratogenic effects.

STOT - Single Exposure

Remarks: No data available.

STOT - Repeated Exposure

Assessment of repeated dose toxicity: No data available concerning repeated dose toxicity.

Aspiration Hazard

No aspiration hazard expected.

11.2. Information on other hazards

Information not available

12) ECOLOGICAL INFORMATION**12.1. Toxicity**Toxicity to fish:LC50 (96 h) > 100 mg/l, *Leuciscus idus*

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Aquatic invertebrates:

EC50 (48 h) > 500 mg/l, Daphnia magna (DIN 38412 Part 11)

Aquatic plants:

EC10 (96 h) > 500 mg/l, Scenedesmus subspicatus (DIN 38412 Part 9)

Microorganisms/Effect on activated sludge:

EC10 > 1,000 mg/l, activated sludge, domestic, adapted (DEV-L2)

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Chronic toxicity to fish:

No observed effect concentration (42.0 d) 100 mg/l, Brachydanio rerio (OECD Guideline draft, Flow through.)

Chronic toxicity to aquatic invertebrates:

No observed effect concentration (21 d) > 1 mg/l, Daphnia magna (OECD Guideline 202, part 2)

Assessment of terrestrial toxicity:

No data available concerning terrestrial toxicity.

12.2. Persistence and degradabilityAssessment biodegradation and elimination (H₂O):

The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

Elimination information:

> 70 % COD reduction (28 d) Easily eliminated from water.

12.3. Bioaccumulative potential

Assessment bioaccumulation potential:

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.

12.4. Mobility in soil

Assessment transport between environmental compartments:

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

12.5. Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

12.6. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

12.7. Additional information

Sum parameter

Chemical oxygen demand (COD): approx. 365 mg/g

Other ecotoxicological advice: Do not release untreated into natural waters.

13) DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Must be disposed of or incinerated in accordance with local regulations.

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Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14) TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN instructions

	Land transport ADR/RID	Marine transport IMDG	Air transport IATA-DGR
14.1 UN-No	Not applicable	Not applicable	Not applicable
14.2 Description of the goods	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es)	Not applicable	Not applicable	Not applicable
14.4 Packaging group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	Not applicable	Not applicable	Not applicable

14.6 Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

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

This Safety Data Sheet is prepared according to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Seveso Category - Directive 2012/18/EC

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Substances subject to authorisation (Annex XIV REACH)

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012

Healthcare control: Information not available

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

16) OTHER INFORMATION

Abbreviations and acronyms:

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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration

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IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

Data sources: (EC) Regulation 1272/2008 (CLP). ECHA (European Chemicals Agency). Supplier's safety documents.

Full text of H-statements
Not Classified

Revision Informations	
Revision Number:	01
Revision Date :	22.04.2025
Explanation :	It has been updated and revised upon the request of the company.

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 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. It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Product Safety Data Sheet to their own Product Safety Data Sheet.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary –even for the same product between different countries, reflecting the different compliance requirements.