# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2015/830

Date of issue : 14.12.2023

## ACRYL SR-200

SDS NO : ***184.01***

Revision Date : --

## 1) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1. Product identifier**

Product Name : ACRYL SR-200
Product form : mixture

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

Usage : Leather production

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

KDK KİMYA DERİ GIDA İNŞ.SAN.TİC.LTD.ŞTİ
İDOSB DİLEK SOK NO:6 X10 ÖZEL PARSEL K:1
TUZLA/ İSTANBUL/TÜRKİYE
Tel: +90 216 394 00 54
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 classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

| | | |
|---|---|---|
| Skin corrosion, category 1B | H314 | Causes severe skin burns and eye damage. |
| Serious eye damage, category 1 | H318 | Causes serious eye damage. |

**2.2. Label elements**

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

Hazard pictograms:

GHS 05

Signal words: Danger

Hazard statements:

**H314** Causes severe skin burns and eye damage.

Precautionary statements:

**P260** Do not breathe dust / fume / gas / mist / vapours / spray.
**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
**P303+P361+P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
**P280** Wear protective gloves/ protective clothing / eye protection / face protection.
**P310** Immediately call a POISON CENTER / doctor / . . .
**P264** Wash . . . thoroughly after handling.
**P301+P330+P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**Contains:** Acrylic acid maleic acid copolymer


The information given in this Safety Data Sheet is intended to assist in safe handling, transportation, storage, disposal and evacuation.
This form does not replace the warranty or quality specification.

**2.3. Other damages**
No data available.

## 3) COMPOSITION/INFORMATION ON INGREDIENTS

**3.1. Substances**
Not applicable

**3.2. Mixtures**

| Substance description/name | CAS NO / EC NO | % | EC Regulation 1272/2008 (CLP) |
|---|---|---|---|
| Acrylic acid maleic acid copolymer | CAS No: 29132-58-9<br>EC No: 608-320-8 | 31-32 | Skin Corr. 1B H314,<br>Eye Dam. 1 H318 |

The full wording of hazard (H) phrases is given in section 16 of the sheet.

## 4) FIRST AID MEASURES

**4.1. Description of first aid measures**
CONTACT WITH EYES: Remove lenses if worn. Immediately open the eyelids completely and rinse them with plenty of water for at least 30-60 minutes. Get medical advice/assistance.
SKIN CONTACT: Remove contaminated clothing. Rinse the skin immediately by taking a shower. Get medical advice/assistance.
INGESTION: Drink as much water as possible. Get medical advice/assistance. Do not induce vomiting unless expressly authorized by a doctor.
INHALATION: Get medical advice/advice immediately. Take the exposed person to fresh air, away from the scene of the accident. If breathing is interrupted, apply artificial respiration. Take appropriate precautions for rescue workers.

**4.2. Most important symptoms and effects, both acute and delayed**
Specific information on symptoms and effects caused by the product are unknown.

**4.3. Indication of any immediate medical attention and special treatment needed**
Information not available

## 5) FIREFIGHTING MEASURES

**5.1. Extinguishing media**
SUITABLE EXTINGUISHING EQUIPMENT
The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT
None in particular.

**5.2. Special hazards arising from the substance or mixture**
HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
Do not breathe combustion products.

**5.3. Advice for firefighters**

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## 6) ACCIDENTAL RELEASE MEASURES

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

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

**6.2. Environmental precautions**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaking/flowing product into a suitable container. Check the suitability of the product and the container to be used by checking Section 10. Absorb the remainder with inert absorbent material.

Ensure that the area where the leak occurred is adequately ventilated. Disposal of contaminated material must be carried out in accordance with the provisions contained in chapter 13.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

## 7) HANDLING AND STORAGE

**7.1. Precautions for safe handling**

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

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

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

The emulsion should be stored between 5-25°C and should be protected from direct sunlight and freezing. If stored under appropriate conditions, its shelf life is 12 months.

**7.3. Specific end use(s)**

Information not available

## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters**

Information not available

**8.2. Exposure controls**

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.
When choosing personal protective equipment, ask your chemical substance supplier for advice.
Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION
Protect hands with category III work gloves (see standard EN 374).
The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.
The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION
Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344).
Wash body with soap and water after removing protective clothing.

EYE PROTECTION
Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION
If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.
Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.
If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

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

| | |
|---|---|
| Appearance | liquid |
| Colour | transparent |
| Odour | characteristic |
| Odour threshold | Not available |
| pH-value (100 g/l) at 20°C: | 6-7 |
| Melting point / freezing point | Not available |

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| | |
|---|---|
| Initial boiling point | Not available |
| Boiling range | Not available |
| Flash point | Not available |
| Evaporation rate | Not available |
| Flammability | Not available |
| Vapour pressure | Not available |
| Vapour density | Not available |
| Relative Density | Not available |
| Solubility | It is soluble in water. |
| Partition coefficient: n-octanol/water | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Viscosity, Dynamic | Not available |
| Explosive properties | Not available |
| Oxidising properties | Not available |

**9.2. Other information**
Not available.

## 10) STABILITY AND REACTIVITY

**10.1. Reactivity**
There are no particular risks of reaction with other substances in normal conditions of use.

**10.2. Chemical stability**
The product is stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions**
No hazardous reactions are foreseeable in normal conditions of use and storage.

**10.4. Conditions to avoid**
None in particular. However, the usual precautions used for chemical products should be respected.

**10.5. Incompatible materials**
Information not available

**10.6. Hazardous decomposition products**
Information not available

## 11) TOXICOLOGICAL INFORMATION

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances

it contains, using the criteria specified in the applicable regulation for classification.
It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information
Information not available

Information on likely routes of exposure
Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Information not available

Interactive effects
Information not available

ACUTE TOXICITY

| | |
|---|---|
| ATE (Inhalation) of the mixture: | Not classified (no significant component) |
| ATE (Oral) of the mixture: | Not classified (no significant component) |
| ATE (Dermal) of the mixture: | Not classified (no significant component) |

SKIN CORROSION / IRRITATION
Corrosive for the skin

SERIOUS EYE DAMAGE / IRRITATION
Causes serious eye damage

RESPIRATORY OR SKIN SENSITISATION
Does not meet the classification criteria for this hazard class

Respiratory sensitization
Information not available

Skin sensitization
Information not available

GERM CELL MUTAGENICITY
Does not meet the classification criteria for this hazard class

CARCINOGENICITY
Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY
Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility
Information not available

Adverse effects on development of the offspring
Information not available

Effects on or via lactation
Information not available

STOT - SINGLE EXPOSURE
Does not meet the classification criteria for this hazard class

Target organs
Information not available

Route of exposure
Information not available

STOT - REPEATED EXPOSURE
Does not meet the classification criteria for this hazard class

Target organs
Information not available

Route of exposure
Information not available

ASPIRATION HAZARD
Does not meet the classification criteria for this hazard class

**11.2. Information on other hazards**
Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

## 12) ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

**12.1. Toxicity**
Information not available

**12.2. Persistence and degradability**
Information not available

**12.3. Bioaccumulative potential**
Information not available

**12.4. Mobility in soil**
Information not available

**12.5. Results of PBT and vPvB assessment**
Information not available

**12.6. Endocrine disrupting properties**
Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

**12.7. Other adverse effects**
Information not available

## 13) DISPOSAL CONSIDERATIONS

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
**Contaminated Packaging**
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 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** | UN 3265 | UN 3265 | UN 3265 |
| **14.2 Description of the goods** | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Acrylic acid maleic acid copolymer) | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Acrylic acid maleic acid copolymer) | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Acrylic acid maleic acid copolymer) |
| **14.3 Transport hazard class(es)** | Class: 8<br>Label: 8 | Class: 8<br>Label: 8 | Class: 8<br>Label: 8 |
| | | | |
| **14.4 Packaging group** | II | II | II |
| **14.5 Environmental hazards** | No | No | No |

**14.6 Special precautions for user**

| | | | |
|---|---|---|---|
| ADR / RID: | HIN - Kemler: 80 | Limited Quantities: 1 L | Tunnel restriction code: (E) |
| | Special provision: - | | |
| IMDG: | EMS: F-A, S-B | Limited Quantities: 1 L | |
| IATA: | Cargo: | Maximum quantity: 30 L | Packaging instructions: 855 |
| | Pass.: | Maximum quantity: 1 L | Packaging instructions: 851 |
| | Special provision: | A3, A803 | |

**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

## 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 |
| 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 |

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| | |
|---|---|
| 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

*H314* *Causes severe skin burns and eye damage.*
*H318* *Causes serious eye damage.*

*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.*