

**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2020/878  
**PACOTAN PCR**

Date of issue: 10.01.2020  
SDS NO: 219.03

Revision Date: 08.02.2026

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

**1.1. Product identifier**

Product Name : PACOTAN PCR

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

Usage Area : Retannage filling material

Uses Not Recommended : All uses not specified in this section or section 7.3

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

**Importer/Distributor:** KDK KİMYA DERİ GIDA İNŞ.SAN.TİC.LTD.ŞTİ  
Deri Organize Sanayi Bölgesi Dilek Sokak No:6/2 10-10 Özel Parsel Tuzla,  
İstanbul /Türkiye  
Tel: +90 216 394 10 85  
info@kdkkimya.com - www.kdkkimya.com

**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).

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

|                 |  |
|-----------------|--|
| Physicochemical | Not classified   |
| Health          | H315 - Skin irritation, category 2<br>H319 - Eye irritation, category 2<br>H335 - Specific target organ toxicity - single exposure, category 3 |
| Environmental   | Not classified   |

**2.2. Label elements**

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

**Hazard pictograms:**



**GHS 07**

**Signal words:** Warning

**Hazard statements:**

H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H335 May cause respiratory irritation.

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**Precautionary statements:**

|                |   |
|----------------|---|
| P102           | Keep out of reach of children.  |
| P261           | Avoid breathing dust / fume / gas / mist / vapours / spray.   |
| P264           | Wash hands thoroughly after handling.   |
| P280           | Wear protective gloves / eye protection / face protection.  |
| P302+P352      | IF ON SKIN: Wash with soap and water.   |
| P305+P351+P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| P312           | Call a POISON CENTRE / doctor if you feel unwell.   |
| P321           | Specific treatment (see on this label).   |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.  |
| P337+P313      | Get medical advice/attention.   |
| P362+364       | Take off contaminated clothing.   |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.  |
| P501           | Dispose of contents/container according to local regulations.   |
| Contains:      | Chromium(III) potassium sulfate dodecahydrate   |

**2.3. Other hazards**

Information not available

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

| Name                            | Product Identifier                    | %   | 1272/2008 (CLP)   |
|---------------------------------|---------------------------------------|-----|---|
| Chromium potassium bis(sulfate) | CAS No: 7788-99-0<br>EC No: 233-401-6 | ≥95 | Eye Irrit. 2 H319,<br>Skin Irrit. 2 H315,<br>STOT SE 3 H335 |

The substance described above is not on the KKDIIK Annex-17 Restricted Substances List.  
The substance described above is not on the SVHC (Substance of Very High Concern) List.  
The substance described above is not on the ZDHC MRSL List.

Full text of the H statements: see Section 16

**3.2. Mixtures**

Not applicable

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

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

**SKIN:** Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

**INHALATION:** Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

**INGESTION:** Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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**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. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

**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 firefighting 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**

If there are no contraindications, spray powder with water to prevent the formation of dust.

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 leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections**

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

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## 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 any contaminated clothes and personal protective equipment before entering places in which people eat.

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

## 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m<sup>3</sup>; PNOC inhalable fraction: 10 mg/m<sup>3</sup>). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment.

### 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

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374).

Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

#### 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

Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).

#### Environmental Exposure Controls

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

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## 9) PHYSICAL AND CHEMICAL PROPERTIES

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

|  |               |
|--|---------------|
| Appearance                             | Crystal dust  |
| Colour                                 | Purple violet |
| Odour                                  | Odorless      |
| Odour threshold                        | Not available |
| pH                                     | 3,5±1         |
| Melting point / freezing point         | Not available |
| Initial boiling point                  | Not available |
| Boiling range                          | Not available |
| Flash point                            | Not available |
| Evaporation rate                       | Not available |
| Flammability                           | Not available |
| Relative density                       | Not available |
| Vapour pressure                        | Not available |
| Vapour density                         | Not available |
| Density                                | Not available |
| Solubility                             | Not available |
| Partition coefficient: n-octanol/water | Not available |
| Auto-ignition temperature              | Not available |
| Decomposition temperature              | Not available |
| Viscosity                              | Not available |
| Explosive properties                   | Not available |
| Oxidising properties                   | Not available |

### 9.2. Other information

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

The powders are potentially explosive when mixed with air.

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**10.4. Conditions to avoid**

Avoid environmental dust build-up.

**10.5. Incompatible materials**

Information not available

**10.6. Hazardous decomposition products**

Information not available

**11) TOXICOLOGICAL INFORMATION**

**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 of the mixture:**

Not classified

**Skin Corrosion / Irritation**

Causes skin irritation

**Serious Eye Damage / Irritation**

Causes serious eye irritation

**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

**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

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**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**

Information not available

**12) ECOLOGICAL INFORMATION**

**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. Other adverse effects**

Based on the available data, the substance is not 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**

**13.1. Waste treatment methods**

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.

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#### 14) TRANSPORT INFORMATION

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

|  | Land transport ADR/RID  | Marine transport IMDG             | Air transport IATA-DGR            |
|--|---|-----------------------------------|-----------------------------------|
| <b>14.1 UN-No</b>                      | The product is not classified as a dangerous good according to the regulations, regarding its transportation. |                                   |                                   |
| <b>14.2 Description of the goods</b>   | Not applicable  | Not applicable                    | Not applicable                    |
| <b>14.3 Transport hazard class(es)</b> | Not applicable  | Not applicable                    | Not applicable                    |
| <b>14.4 Packaging group</b>            | Not applicable  | Not applicable                    | Not applicable                    |
| <b>14.5 Environmental hazards</b>      | Dangerous for the environment: No   | Dangerous for the environment: No | Dangerous for the environment: No |

#### 14.6 Special precautions for user

No data available

#### 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   |

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|       |  |
|-------|--|
| 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                                     |
| 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.

| Revision Information  |   |
|-----------------------|---|
| <b>Revision No:</b>   | 01  |
| <b>Revision Date:</b> | 14.09.2022  |
| <b>Explanation:</b>   | *In Section-3, the item CAS No regulation was made.<br>*In Section-3, substance hazards and definitions are regulated.<br>*In Section-1.4, emergency number updated to 112.   |
| <b>Revision No:</b>   | 02  |
| <b>Revision Date:</b> | 08.02.2026  |
| <b>Explanation:</b>   | This safety data sheet has been revised in accordance with amendment Regulation (EU) 2020/878.<br>-In Section 3, the product hazard information has been updated taking into account the manufacturer's declaration. The other sections of the safety data sheet were rearranged accordingly. |

| Full text of H-statements |  |
|---------------------------|--|
| Eye Irrit. 2              | Eye irritation, category 2                                   |
| Skin Irrit. 2             | Skin irritation, category 2                                  |
| STOT SE 3                 | Specific target organ toxicity - single exposure, category 3 |
| H319                      | Causes serious eye irritation.                               |
| H315                      | Causes skin irritation.                                      |
| H335                      | May cause respiratory irritation.                            |

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*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.*