

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

Date of issue : 08.02.2026  
SDS NO :214.01

Revision Date : -

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

### 1.1. Product identifier

Product Name : ANTI PP

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

Usage : Leather processing product

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

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

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:

Physically Hazards	Not classified
Health Hazards	H272- Oxidising solid, category 2 H302- Acute toxicity, category 4 H361d- Reproductive toxicity, category 2
Environmental Hazards	H400- Hazardous to the aquatic environment, acute toxicity, category 1 H410- Hazardous to the aquatic environment, chronic toxicity, category 1

### 2.2. Label elements

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

#### Hazard pictograms:



GHS 07

GHS 03

GHS 08

GHS 09

Signal words: Danger

#### Hazard statements:

**H272** May intensify fire; oxidiser.  
**H302** Harmful if swallowed.  
**H361d** Suspected of damaging the unborn child.  
**H410** Very toxic to aquatic life with long lasting effects.

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**Precautionary statements:**

<b>P102</b>	Keep out of reach of children.
<b>P201</b>	Obtain special instructions before use.
<b>P202</b>	Do not handle until all safety precautions have been read and understood.
<b>P210</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>P220</b>	Keep away from clothing and other combustible materials.
<b>P264</b>	Wash skin thoroughly after handling.
<b>P270</b>	Do not eat, drink or smoke when using this product.
<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective gloves / protective clothing / eye protection / face protection.
<b>P301+P312</b>	IF SWALLOWED: Call a POISON CENTER / doctor if you feel unwell.
<b>P308+P313</b>	IF exposed or concerned: Get medical advice / attention.
<b>P370+P378</b>	In case of fire: use an appropriate to extinguish.
<b>P391</b>	Collect spillage.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents / container to local regulations.
<b>Contains:</b>	Potassium Permanganate

**2.3. Other hazards**

Information not available

**3) COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Name	Product Identifier	%	1272/2008 (CLP)	Special Concentration Limits
Potassium Permanganate	CAS No: 7722-64-7 EC No: 231-760-3	100	Ox. Sol. 2 H272, Repr. 2 H361d, Acute Tox. 4 H302, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=10	STA Oral: 500 mg/kg

The substance listed above is not on the ANNEX-17-Restricted Substances List.

The substance listed above is not on the SVHC (Substance of Very High Concern) List.

The substance listed above is not on the ZDHC MRSL List.

Full text of 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**

Extinguishing substances are: carbon dioxide and chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

**UNSUITABLE EXTINGUISHING EQUIPMENT**

Do not use jets of water.

Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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

**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

If large quantities of the product are involved in a fire, they can make it considerably worse. 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 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 into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. 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

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

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

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. 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

Regulatory References:

GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)
	TLV-ACGIH	ACGIH 2021

### POTASSIUM PERMANGANATE

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
WEL	GBR	0,2				INHAL As Mn
WEL	GBR	0,05				RESP As Mn
TLV-ACGIH		0,1				INHAL Mn
TLV-ACGIH		0,02				RESP Mn

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

### 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.

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**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 I 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).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

**RESPIRATORY PROTECTION**

None required, unless indicated otherwise in the chemical risk assessment.

**ENVIRONMENTAL EXPOSURE CONTROLS**

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

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state	Crystal Dust
Colour	Black crystal
Odour	Odorless
Odour threshold	Not available
pH	6,5±1
Melting point / freezing point	Not available
Boiling point	Not available
Boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower inflammability limit	Not available
Upper inflammability limit	Not available
Lower explosive limit	Not available

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Upper explosive limit	Not available
Vapour pressure	Not available
Relative Vapour density	Not available
Relative density	Not available
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	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 product may react violently with water.

**10.4. Conditions to avoid**

Avoid overheating. Prevent moisture or water from penetrating inside the containers.

**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

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**Acute toxicity of the mixture:**  
POTASSIUM PERMANGANATE

Acute toxicity, category 4. Harmful if swallowed.

STA (Oral): 500 mg/kg estimate from table 3.1.2 of Annex I of the CLP

**Skin Corrosion / Irritation**

Does not meet the classification criteria for this hazard class

**Serious Eye Damage / Irritation**

Does not meet the classification criteria for this hazard class

**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

**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

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**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**

POTASSIUM PERMANGANATE

LC50 - for Fish	0,96 mg/l/96h <i>Morone saxatilis</i>
EC50 - for Crustacea	0,084 mg/l/48h <i>Daphnia magna</i>
EC50 - for Algae / Aquatic Plants	0,18 mg/l/72h <i>Aphanizomenon flos-aquae</i>

**12.2. Persistence and degradability**

POTASSIUM PERMANGANATE

Solubility in water > 10000 mg/l

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**

The substance does not have persistence, bioaccumulation and toxicity (PBT) properties and is not very persistent and very bioaccumulative. (vPvB).

**12.6. Endocrine disrupting properties**

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.

**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.

Waste transportation may be subject to ADR restrictions.

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
<b>14.1 UN-No</b>	1490	1490	1490

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<b>14.2 Description of the goods</b>	POTASSIUM PERMANGANATE	POTASSIUM PERMANGANATE	POTASSIUM PERMANGANATE
<b>14.3 Transport hazard class(es)</b>	Class: 5.1 Label: 5.1	Class: 5.1 Label: 5.1	Class: 5.1 Label: 5.1
<b>Label Elements</b>			
<b>14.4 Packaging group</b>	II	II	II
<b>14.5 Environmental hazards</b>	 Yes	 Yes	 Yes

**14.6 Special precautions for user**

ADR / RID:	HIN - Kemler: 50	Limited Quantities: 1 kg	Tunnel restriction code: (E)
	Special provision: -		
IMDG:	EMS: F-H, S-Q	Limited Quantities: 1 kg	
IATA:	Cargo:	Maximum quantity: 25 Kg	Packaging instructions: 562
	Pass.:	Maximum quantity: 5 Kg	Packaging instructions: 558
	Special provision:	-	

**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.

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### 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
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

Ox. Sol. 2	Oxidising solid, category 2
Repr. 2	Reproductive toxicity, category 2
Acute Tox. 4	Acute toxicity, category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H272	May intensify fire; oxidiser.
H361d	Suspected of damaging the unborn child.



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H302	Harmful if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

*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.*