

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

Date of issue : 07.02.2026  
SDS NO :226.01

Revision Date : -

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

### 1.1. Product identifier

Product Name : SAVADERM AL

### 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	H302- Acute toxicity, category 4 H315 - Skin irritation, Hazard Category 2 H318 - Serious eye damage, category 1
Environmental Hazards	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 05



GHS 07



GHS 09

Signal words: Danger

#### Hazard statements:

**H302** Harmful if swallowed.  
**H314** Causes severe skin burns and eye damage.  
**H412** Harmful to aquatic life with long lasting effects.

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Precautionary statements:

<b>P102</b>	Keep out of reach of children.
<b>P264</b>	Wash skin thoroughly after handling.
<b>P273</b>	Avoid release to the environment.
<b>P280</b>	Wear protective gloves/ protective clothing / eye protection / face protection.
<b>P310</b>	Immediately call the NATIONAL POISON CONTROL CENTER at 114 or contact your doctor/physician.
<b>P305+P351+P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P391</b>	Collect the debris.
<b>P501</b>	Dispose of contents/container according to local regulations..

**2.3. Other hazards**

Information not available

**3) COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Not applicable

**3.2. Mixtures**

Name	Product Identifier	%	1272/2008 (CLP)
Amines, tallow alkyl, ethoxylated (>= 5 < 10 EO)	CAS No: 61791-26-2	$20 \leq x < 25$	Acute Toxic. 4 H302 Skin Irritation. 2 H315 Eye Damage. 1 H318 Aquatic Acute 1 H400 M=1. Aquatic Chronic 1 H410 M=1. STA - Oral 500 mg/kg
Amines, tallow alkyl, ethoxylated(>= 10 - < 15 EO)	CAS No: 61791-26-2	$15 \leq x < 20$	Eye Damage. 1H318, Aquatic Acute 1 H400 M=1. Aquatic Chronic 1 H410 M=1. Acute Tox. 4H302,
Alcohols, C9-11-iso-, C10-rich, ethoxylated	CAS No: 78330-20-8	$10 \leq x < 12,5$	Acute Tox. 4H302, Eye Damage. 1H318, STA -500 mg/kg
2-ethylhexan-1-ol	CAS No: 104-76-7 EC No: 203-234-3	$7 \leq x < 10$	Acute Tox. 4 H332 Skin Irritation 2 H315 Eye Irritation 2 H319 STOT SE 3 H335 Aquatic Chronic 3 H412
Amines, tallow alkyl, ethoxylated(15 EO)	Cas No: 61791-26-2	$3 \leq x < 5$	Acute Tox. 4H302 Eye Damage. 1H318 Aquatic Chronic 2 H411

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The substances listed above are not on the ANNEX-17-Restricted Substances List.  
The substances listed above are not on the SVHC (Substance of Very High Concern) List.  
The substances listed above are not on the ZDHC MRSL List.  
Full text of H statements: see Section 16  
If Occupational Exposure limit values exist, they are listed in section 8.

#### 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 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

**SKIN:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

**INGESTION:** Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

**INHALATION:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable 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 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

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.

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**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.

## 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**

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).

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.

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#### 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 A 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.

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	Liquid
Colour	Light brown
Odour	Odorless
Odour threshold	Not available
pH	5,5-7,5
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
Upper explosive limit	Not available
Vapour pressure	Not available
Relative Vapour density	Not available
Relative density	Not available
Solubility	Not available

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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

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

### 10.4. Conditions to avoid

Information not available

### 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:

Information not available

#### Skin Corrosion / Irritation

Corrosive for the skin

#### Serious Eye Damage / Irritation

Causes serious eye damage

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**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

**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

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**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**

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. 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>	UN 3082	UN 3082	UN 3082
<b>14.2 Description of the goods</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amines, tallow alkyl, ethoxylated)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amines, tallow alkyl, ethoxylated)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Amines, tallow alkyl, ethoxylated)
<b>14.3 Transport hazard class(es)</b>	Class: 9 Label: 9	Class: 9 Label: 9	Class: 9 Label: 9
<b>Label Elements</b>			
<b>14.4 Packaging group</b>	III	III	III
<b>14.5 Environmental hazards</b>	Yes 	Yes 	Yes 

**14.6 Special precautions for user**

ADR / RID:

HIN - Kemler: 90

Limited Quantities: 5 L

Tunnel restriction code: (-)

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	Special provision: -	274, 335, 375, 601	
IMDG:	EMS: F-A, S-F	Limited Quantities: 5 L	
IATA:	Cargo:	Maximum quantity: 450 L	Packaging instructions: 964
	Pass.:	Maximum quantity: 450 L	Packaging instructions: 964
	Special provision:	A97, A158, A197, A215	

**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
IARC	International Agency for Research on Cancer

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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.

<b>Full text of H-statements</b>
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<b>H302</b>	Harmful if swallowed.
<b>H314</b>	Causes severe skin burns and eye damage.
<b>H412</b>	Harmful 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.*