

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

Date of issue : 08.07.2025
SDS NO : 206.01

SAVANOL OLT

Revision Date :-

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

1.1. Product identifier

Product Name : SAVANOL OLT

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

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/Türkiye
Tel: 0216 394 10 85
info@kdkkimya.com - www.kdkkimya.com

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	H315- Skin irritation, category 2 H317- Skin sensitization, category 1 H318- Serious eye damage, category 1
Environmental	Not classified

2.2. Label elements



Hazard pictograms:

GHS05

GHS07

Signal words: Danger

Hazard statements:

H315- Causes skin irritation.

H317- May cause an allergic skin reaction.

H318- Causes serious eye damage.

Precautionary statements:

P102 Keep out of reach of children.

P261 Avoid breathing dust / fume / gas / mist / vapours / spray.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER / doctor

P333+P313 If skin irritation or rash occurs: Get medical advice / attention.

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P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents / container to local regulations.

Contains: 1-Heptanol, 2-propyl-, 7EO
Alkenes, C11-14, hydroformylation products, distn. residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.

2.3. Other hazardsBenzene, mono C10-13-alkyl derivs., distillation residues with kinematic viscosity >20.5mm²/s at 40°C - PBT

It DOES NOT contain substances that interfere with the endocrine system according to Regulation (EC) 1907/2006 art.59 paragraph 1 and in accordance with the criteria established in Regulation (EU) 2017/2100 and Regulation (EU) 2018/605.

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

Not applicable

Substance name/ identification	CAS NO / EC NO	%	Classification (EC) 1272/2008 (CLP)
Alkenes, C11-14, products of hydroformylation, distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts	CAS No: - EC No: 938-654-2	30 ≤ C ≤ 32.5	Eye Irrit. 2 H319, Skin Sens. 1 H317 LD50: > 2000 mg/kg bw (oral, rat) LD50: > 2000 mg/kg bw (dermal, rat)
Benzene, mono C10-13-alkyl derivatives, distillation residues with kinematic viscosity >20.5mm ² /s at 40°C	CAS No: 84961-70-6 EC No: 284-660-7	5 ≤ C ≤ 7	Not classified
benzene sulphonic acid, 4-C10-13-sec-alkyl deriv	CAS No: 85536-14-7 EC No: 287-494-3	1.8 ≤ C ≤ 2	Acute Tox. 4 H302, Skin Corr. 1C H314, Eye Dam. 1 H318, Aquatic Chronic 3 H412 LD50: ca. 1470 mg/kg bw (oral, rat) LD50: > 2000 mg/kg bw (dermal, rat)
1-heptanol,2-propyl-, 7EO*	CAS No: 160875-66-1 EC No: 605-233-7	2 ≤ C ≤ 3	Acute Tox. 4 H302, Eye Dam. 1 H318 LD50 (oral estimated): 500 mg/kg bw

The substance with the content given above is not on the ANNEX-17-Restricted Substances List.

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

The substance with the content given above is not on the ZDHC MRSL List.

Full text of H statements: see Section 16

• Occupational Exposure limit values are listed in section 8 if available.

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

Replace contaminated clothing.

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In case of inhalation

If breathing is difficult, consult your doctor.

In case of contact with skin

Remove contaminated clothing. Wash thoroughly with soap and water. Consult a doctor. Wash contaminated clothing before using it.

In case of contact with eyes

Wash immediately and thoroughly with soap and water for at least 15 minutes, keeping the eyelids wide open. Consult a doctor immediately.

In case of ingestion

Consult your doctor. Do not give anything by mouth unless directed by your doctor. Induce vomiting only when directed by your doctor

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

No data available

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

If skin irritation or rash occurs: Consult a doctor. Call a POISON CENTER/doctor immediately.

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

Advised extinguishing agents:

CO₂ , foam, chemical powder, water spray .

Extinguishing means to avoid:

None

5.2. Special hazards arising from the substance or mixture

In case of fire, irritating and/or toxic fumes (CO x , , SO x).

5.3. Advice for firefighters

Always wear full fire protection equipment. Contaminated fire-fighting water must be disposed of in accordance with legal requirements

6) ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes and skin. In case of dust formation, use adequate respiratory protection. Ensure good ventilation. Keep away people not involved in intervention operations.

6.2. Environmental precautions

Prevent contamination of surface water, soil and dispersion into the air with appropriate containment means.

6.3. Methods and material for containment and cleaning up

Collect spilled material and place in containers for later disposal. Use water only to remove residues to avoid the risk of product spilling into sewers.

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

Follow good industrial hygiene practices. Do not eat, drink or smoke during handling. Ventilate the workplace well.

7.2. Conditions for safe storage, including any incompatibilities

Store containers closed in a cool, well-ventilated place, away from sources of ignition. Store at temperatures between 15 and 40°C. Protect from temperatures below 0°C and above 50°C.

7.3. Specific end use(s)

For specific uses of the product, refer to the specific information or contact the company's technical service

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Alkenes, C11-14, hydroformylation products , distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts:

DNEL

Systemic effects from long-term exposure - inhalation: 0.26 mg/m³

Systemic effects for long-term exposure - dermal: 0.37 mg/kg body weight/day

PNEC

Fresh water: 50 µg /l

Intermittent release: 52.3 µg /L

Sea water: 5 µg /l

STP: 32 mg/l

Sediment (freshwater): 24.1 mg/kg dry weight

Sediment (marine water): 2.41 mg/kg dry weight

Soil: 4.78 mg/kg dry weight

Oral: 3.33 mg/kg food

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs :

PNEC

Fresh water: 0.268 mg/l

Fresh water (intermittent release): 0.017 mg/l

Sea water: 0.027 mg/l

STP: 3.43 mg/l

Sediment (freshwater): 8.1 mg/kg

Sediment (marine water): 6.8 mg/kg

8.2. Exposure controls

Operate and handle according to the usual precautionary measures for handling chemical products. Avoid contact with eyes and skin. Do not eat, drink or smoke during use. Wash hands thoroughly with soap and water before meals and after work shifts. Use is expected to be no more than 20°C above ambient temperature. Use good general ventilation (no less than 10 – 15 air changes per hour).

For further risk management measures see section 8.1.

Control of occupational exposure

Suggestions on the use of particular PPE are purely indicative. Their choice must be made on the basis of the type of use of the product and on the indications of the supplier of the devices (EN 374 standard)

Respiratory protection:

Not required for normal use. In case of dust or aerosol formation, use a respirator with an approved filter (P2).

Hand protection:

Waterproof protective gloves made of nitrile rubber, chloroprene rubber, polyvinyl chloride. For the choice of permeation time, follow the instructions of the device manufacturer.

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Eye Protection:

Safety glasses with side shields

Skin Protection:

work clothing

Environmental exposure controls:

Depending on the methods of use of the product in the various environmental compartments, we remind you to comply with any national or community provisions for environmental protection.

9) PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Yellow viscous
Colour	Not available
Odour	Not available
Odour threshold	Not available
pH	7 ± 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	Non-flammable
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	Non-oxidizing

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

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10) STABILITY AND REACTIVITY

10.1. Reactivity

Exothermic reactions are possible in contact with strong oxidizing agents

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

Alkenes, C11-14 hydroformylation products, distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts: the substance is stable for a long time if stored at low temperatures (< 4°C).

10.3. Possibility of hazardous reactions

Other than what is expressly indicated, we are not aware of dangerous reactions occurring under conditions other than those of normal use.

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.: Strong oxidizing agents

10.6. Hazardous decomposition products

During thermal decomposition or in the event of fire, potentially harmful vapours may be released (CO x, SO x). Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.: carbon dioxide, carbon monoxide, sulfur oxides, metal oxide/oxides

11) TOXICOLOGICAL INFORMATION

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

ATE(mix) = 22,318.7 mg/kg

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

Based on available data the classification criteria are not met.

SERIOUS EYE DAMAGE / IRRITATION

The product, if brought into contact with the eyes, causes serious eye damage, such as corneal opacification or damage to the iris.

RESPIRATORY OR SKIN SENSITISATION

The product, if brought into contact with the skin, may cause skin sensitization.

Respiratory sensitization

Information not available

Skin sensitization

The product, if brought into contact with the skin, causes significant inflammation with erythema, schar or edema

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

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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

Alkenes, C11-14 hydroformylation products , distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts:

LD50: > 2000 mg/kg body weight (oral, rat)

LD50: > 2000 mg/kg body weight (dermal, rat)

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs .:

LD50: ca. 1470 mg/kg body weight (oral, rat)

LD50: > 2000 mg/kg body weight (dermal, rat)

12) ECOLOGICAL INFORMATION

12.1. Toxicity

Use according to good working practices, avoiding dispersal of the product into the environment. Notify the competent authorities if the product has reached water courses or sewers or if it has contaminated the soil or vegetation.

Alkenes, C11-14 hydroformylation products , distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts:

LL50: 97.5 mg/l/96h (Danio rerio)

EL50: 21.5 mg/l/48h (Daphnia magna)

EL50: 5.23 mg/l/72h (Desmodemus subspicatus)

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs .:

LC50: 1.67 mg/L/96h (Lepomis macrochirus)

EC50: 2.9 mg/L mg/L/48h (Daphnia magna)

EC50: 235 mg/L 72h (Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

Alkenes, C11-14 hydroformylation products , distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts: Readily biodegradable, Degr . 66% (28 days)

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs .: Readily biodegradable Degr 94 % (28 days)

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12.3. Bioaccumulative potential

Alkenes, C11-14 hydroformylation products , distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts: Log Pow: ca. 4.42 (20°C)

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs .: Log Pow 3.32

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

Alkenes, C11-14 hydroformylation products , distillation residues, reaction products with maleic anhydride and sodium bisulfite, sodium salts: The substance is not PBT/ vPvB .

Benzene, mono C10-13-alkyl derivs., distillation residues: the substance is PBT

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs .: The substance is not PBT/ vPvB

12.6. Endocrine disrupting properties

There are no substances identified as having endocrine disrupting properties

12.7. Other adverse effects

not available

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

Dispose of in accordance with current regulations.

Empty containers that are not reclaimed must be disposed of as the product.

Consider burning the product in a suitable incinerator

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

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15) REGULATORY INFORMATION

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

Seveso Category - Directive 2012/18/EU: None

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

None

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

Not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

15.2. Chemical safety assessment

Has not been performed / is not yet available a chemical safety assessment for the substance.

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



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

Full text of H-statements

Acute Tox. 4	Acute toxicity, category 4
Asp. Tox. 1	Aspiration hazard, category 1
Skin Corr. 1C	Skin corrosion, category 1C
Eye Dam. 1	Serious eye damage, category 1
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1	Skin sensitization, category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H412	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.