

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/878
SAVANOL F-80 BIO

Date of issue : 07.02.2026
SDS NO :224.01

Revision Date : -

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

1.1. Product identifier

Product Name : SAVANOL F-80 BIO

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 H314 - Skin corrosion, category 1C H318 - Serious eye damage, category 1
Environmental Hazards	H412 - Hazardous to the aquatic environment, chronic toxicity, category 3

2.2. Label elements

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

Hazard pictograms:



GHS 05



GHS 07

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:

P102	Keep out of reach of children.
P260	Do not breathe dust / fume / gas / mist / vapours / spray.
P264	Wash skin thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing / eye protection / face protection.
P310	Immediately call a POISON CENTER / doctor
P301+P312	IF SWALLOWED: Call a POISON CENTER / doctor ,if you feel unwell.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Keep under lock.
P501	Dispose of contents/container according to local regulations..

Contains:	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. Diethanolamine Alcohol, ethoxylate Sodium Hydroxide
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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)	Special Concentration Limits
Alcohols, C12-14, ethoxylated	CAS No: 68439-50-9 EC No: 500-213-3	40 < x < 47	Acute Tox. 4 H302, Eye Dam. 1 H318, Aquatic Chronic 3 H412	STA Oral: 500 mg/kg
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	CAS No: 85536-14-7 EC No: 287-494-3	10 < x < 19	Acute Tox. 4 H302, Skin Corr. 1C H314, Eye Dam. 1 H318, Aquatic Chronic 3 H412	STA Oral: 500 mg/kg
Diethanolamine	CAS No: 111-42-2 EC No: 203-868-0	1 < x < 6	Acute Tox. 4 H302, STOT RE 2 H373, Eye Dam. 1 H318, Skin Irrit. 2 H315	LD50 Oral: 710

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Sodium Hydroxide	CAS No: 1310-73-2 EC No: 215-185-5	0.1 < x < 0.5	Met. Corr. 1 H290, Skin Corr. 1A H314, Eye Dam. 1 H318	Skin Corr. 1B H314: 2%, Skin Irrit. 2 H315: 0,5%, Eye Dam. 1 H318: 2%, Eye Irrit. 2 H319: 0,5%
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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).

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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 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

Regulatory References:

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

DIETHANOLAMINE

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m ³	ppm	mg/m ³	ppm	
TLV-ACGIH		1				SKIN

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SODIUM HYDROXIDE

Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
WEL	GBR			2		
TLV-ACGIH				2 (C)		

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.

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.

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.

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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	Transparent, light yellow
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
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

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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.

SODIUM HYDROXIDE

Avoid exposure to: air,moisture,sources of heat.

10.5. Incompatible materials

SODIUM HYDROXIDE

Incompatible with: strong acids,ammonia,zinc,lead,aluminium,water,flammable liquids.

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:

ATE (Inhalation) of the mixture: Not classified (no significant component)

ATE (Oral) of the mixture: 695,12 mg/kg

ATE (Dermal) of the mixture: Not classified (no significant component)

DIETHANOLAMINE

LD50 (Dermal): 12200 mg/kg Rabbit

LD50 (Oral): 710 mg/kg Rat

SODIUM HYDROXIDE

LD50 (Dermal): 1350 mg/kg Rat

LD50 (Oral): 1350 mg/kg Rat

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Alcohols, C12-14, ethoxylated

STA (Oral):

500 mg/kg estimate from table 3.1.2 of Annex I of the CLP
(figure used for calculation of the acute toxicity estimate of the
mixture)

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

STA (Oral):

500 mg/kg estimate from table 3.1.2 of Annex I of the CLP
(figure used for calculation of the acute toxicity estimate of the
mixture)

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

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

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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

DIETHANOLAMINE

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

SODIUM HYDROXIDE

Solubility in water > 10000 mg/l

Degradability: information not available

12.3. Bioaccumulative potential

DIETHANOLAMINE

Partition coefficient: n-octanol/water -1,71

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
14.1 UN-No	3267	3267	3267

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14.2 Description of the goods	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. , Sodium Hydroxide)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.; Sodium Hydroxide)	CORROSIVE LIQUID, N.O.S. (Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs. Sodium Hydroxide)
14.3 Transport hazard class(es)	Class: 8 Label: 8	Class: 8 Label: 8	Class: 8 Label: 8
Label Elements			
14.4 Packaging group	III	III	III
14.5 Environmental hazards	No	No	No

14.6 Special precautions for user

ADR / RID:	HIN - Kemler: 80	Limited Quantities: 5 L	Tunnel restriction code: (E)
	Special provision: 274		
IMDG:	EMS: F-A, S-B	Limited Quantities: 5 L	
IATA:	Cargo:	Maximum quantity: 60 L	Packaging instructions: 856
	Pass.:	Maximum quantity: 5 L	Packaging instructions: 852
	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
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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
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

Met. Corr. 1	Substance or mixture corrosive to metals, category 1
Acute Tox. 4	Acute toxicity, category 4
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2
Skin Corr. 1A	Skin corrosion, category 1A
Skin Corr. 1C	Skin corrosion, category 1C



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Eye Dam. 1	Serious eye damage, category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H373	May cause damage to organs through prolonged or repeated exposure.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
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.