

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019

SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

1) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product Name : RE-SNTAN LM

Product form : Mixture

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

KDK KİMYA DERİ GIDA İNŞ.SAN.TİC.LTD.ŞTİ

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1.4. Emergency telephone number: No additional information available**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).

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:

Physicochemical	Not classified
Health	H315 - Skin irritation, category 2 H319 - Eye irritation, category 2
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.**EUH208** Contains: FORMALDEHYDE May produce an allergic reaction.**Precautionary statements:****P102** Keep out of reach of children.

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P264	Wash your hands thoroughly after handling the item.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P302+P352	IF ON SKIN: Wash with plenty of water / . . .
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice / attention.
P337+P313	If eye irritation persists: Get medical advice / attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
Contains:	FORMALDEHYDE

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)
Urea Formaldehyde Mixture Polymer		10 < x < 12	H319 - Eye Irrit. 2 H315 - Skin Irrit. 2 H335 - STOT SE 3
Sodium Carbonate	CAS No: 497-19-8 EC No: 207-838-8	0,5 < x < 1	H319 - Eye Irrit. 2
Formaldehyde	CAS No: 50-00-0 EC No: 200-001-8	0,01 < x < 0,04	H350 - Carc. 1B H341 - Muta. 2 H301 - Acute Tox. 3 H311 - Acute Tox. 3 H331 - Acute Tox. 3 H314 - Skin Corr. 1B H318 - Eye Dam. 1 H317 - Skin Sens. 1 Classification note according to Annex VI to the CLP Regulation: B, D

Specific concentration limits:

FORMALDEHYDE (CAS No: 50-00-0)	Skin Corr. 1B H314: 25% ; Skin Irrit. 2 H315: 5% ; Skin Sens. 1 H317: 0,2% Eye Dam. 1 H318: 25% ; Eye Irrit. 2 H319: 5% ; STOT SE 3 H335: 5%
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NOTE B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Note D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

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with its amendment Regulation (EU) 2020/830

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SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

The substances described above are not on the KKDIIK Annex-17 Restricted Substances List.

(Note: Although formaldehyde is on Annex 17 of the restricted substances list, it is not subject to this restriction because it is used in the leather tanning industry.)

The substances described above are not on the SVHC (Substance of Very High Concern) List.

The substances described above are not on the ZDHC MRSL List.

Full text of the H statements: see Section 16

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.

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 fire fighting 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

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

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SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

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.

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

Regulatory References:

GBR	United Kingdom	EH40/2005 Workplace exposure limits (Fourth Edition 2020)				
EU	OEL EU	Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.				
	TLV-ACGIH	ACGIH 2021				
FORMALDEHYDE						
Threshold Limit Value						
Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m ³	ppm	mg/m ³	ppm	
WEL	GBR	2,5	2	2,5	2	
OEL	EU	0,37	0,3	0,74	0,6	
TLV-ACGIH			0,1		0,3	

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.

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019

SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

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.

9) PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Beige
Odour	Odorless
Odour threshold	Not available
pH	8,5±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

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019

SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

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.

FORMALDEHYDE: Decomposes under the effect of heat. Aqueous solutions are stabilised with methanol but tend to polymerise over time.

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. FORMALDEHYDE: Risk of explosion on contact with: nitromethane, nitrogen dioxide, hydrogen peroxide, phenoles, performic acid, nitric acid. May polymerise on contact with: strong oxidising agents, alkalis. May react dangerously with: hydrochloric acid, magnesium carbonate, sodium hydroxide, perchloric acid, aniline. Forms explosive mixtures with: air.

10.4. Conditions to avoid

Avoid environmental dust build-up. FORMALDEHYDE: Avoid exposure to: light, sources of heat, naked flames.

10.5. Incompatible materials

FORMALDEHYDE: Incompatible with: acids, alkalis, ammonia, tannin, strong oxidants, phenoles, copper salts, silver, iron.

10.6. Hazardous decomposition products

FORMALDEHYDE: When heated to decomposition releases: methanol, carbon monoxide.

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

SODIUM CARBONATE	
LD50 (Dermal):	117 mg/kg Mouse
LD50 (Oral):	4090 mg/kg Rat
LC50 (Inhalation mists/powders):	2,3 mg/l/2h Rat

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019

SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

FORMALDEHYDE	
LD50 (Dermal):	270 mg/kg Rabbit
LD50 (Oral):	100 mg/kg Rat
LC50 (Inhalation vapours):	0,588 mg/l/4h Rat

Skin Corrosion / Irritation

Causes skin irritation

Serious Eye Damage / Irritation

Causes serious eye irritation

Respiratory or Skin Sensitisation

Contains: FORMALDEHYDE May produce an allergic reaction.

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

May cause respiratory irritation

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

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019

SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

11.2. Information on other hazards

Information not available

12) ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Information not available

12.2. Persistence and degradability

SODIUM CARBONATE	
Solubility in water	1000 - 10000 mg/l
Degradability	information not available

FORMALDEHYDE	
Solubility in water	55000 mg/l
Rapidly degradable	

12.3. Bioaccumulative potential

FORMALDEHYDE	
Partition coefficient: n-octanol/water	0,35
BCF	< 1

12.4. Mobility in soil

FORMALDEHYDE	
Partition coefficient: soil/water	1,202

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.

Contaminated Packaging

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019

SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

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	The product is not classified as a dangerous good according to the regulations, regarding its transportation.		
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	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

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019

SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

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	
Revision No:	01
Revision Date:	15.09.2022
Explanation:	*In Section-3, substance hazards and definitions are regulated. *In Section-1.4, emergency number updated to 112.
Revision No:	02
Revision Date:	16.10.2023
Explanation:	In Section-3, substance hazards and definitions are regulated.
Revision No:	03
Revision Date:	02.02.2026
Explanation:	-This safety data sheet has been revised in accordance with amendment Regulation (EU) 2020/878. -In Section 3, the percentage of the mixture 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

Carc. 1B	Carcinogenicity, category 1B
Muta. 2	Germ cell mutagenicity, category 2
Acute Tox. 3	Acute toxicity, category 3
Skin Corr. 1B	Skin corrosion, category 1B
Eye Irrit. 2	Eye irritation, category 2

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006 (REACH)
with its amendment Regulation (EU) 2020/830

Date of issue: 26.09.2019
SDS NO: 044.04

RE-SNTAN LM

Revision Date: 02.02.2026

Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Skin Sens. 1	Skin sensitization, category 1
H350	May cause cancer.
H341	Suspected of causing genetic defects.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.

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.