

## SAFETY DATA SHEET

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

### WAX T 68

Date of issue: 09/12/2022

SDS No:139.02

Revision Date:03.02.2026

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

##### 1.1. Product identifier

Product Name : WAX T 68  
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  
Deri Organize Sanayi Bölgesi Dilek Sokak No:6/2 10-10 Özel Parsel Tuzla,İstanbul /Türkiye  
Tel: +90 216 394 10 85  
info@kdkkimya.com - www.kdkkimya.com

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

#### 2) HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

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:

Physicochemical	Not classified
Health	Not classified
Environment	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:** Not applicable  
**Signal words:** Not applicable  
**Hazard statements:**  
H412 Harmful to aquatic life with long lasting effects.  
**Precautionary statements:**  
P102 Keep out of reach of children.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container according to local regulations.  
**Contains:** Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

##### 2.3. Other hazards

Information not available

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### 3) COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product Identifier	%	1272/2008 (CLP)
Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	CAS No: EC No: 931-203-0	80 < x < 85	Aquatic Chronic 3 H412
Propan-2-ol	CAS No: 67-63-0 EC No: 200-661-7	4 < x < 8	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336

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

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

Extinguishing substances are: carbon dioxide, foam, 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

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

#### 5.3. Advice for firefighters

General Information

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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.

**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**

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during 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 the containers sealed, in a well ventilated place, away from direct sunlight. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. 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:

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

#### PROPAN-2-OL

##### Threshold Limit Value

Type	Country	TWA/8h		STEL/15min		Remarks / Observations
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
WEL	GBR	999	400	1250	500	
TLV-ACGIH		492	200	983	400	

#### 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.

#### 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 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).

#### 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.

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#### 9) PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Liquid
Colour	White
Odour	Odourless
Odour threshold	Not available
pH	3,5±1
Solidification / Setting point	Not available
Boiling point	Not available
Drop point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Density	Not available
Molar mass	Not available
Solubility	Not available
Viscosity	Not available
Auto-ignition temperature	Not available
Partition coefficient: noctanol/water	Not available
Explosive properties	Not available
Oxidizing properties	Not available

##### 9.2. Other information

There is no information.

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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

The vapours may also form explosive mixtures with the air.

##### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

##### 10.5. Incompatible materials

Information not available

##### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

#### 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

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

##### PROPAN-2-OL

LD50 (Dermal):	12800 mg/kg Rat
LD50 (Oral):	4710 mg/kg Rat
LC50 (Inhalation vapours):	72,6 mg/l/4h Rat



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#### 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

#### 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

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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**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

**12) ECOLOGICAL INFORMATION****12.1. Toxicity**

Information not available

**12.2. Persistence and degradability**

PROPAN-2-OL

Rapidly degradable

**12.3. Bioaccumulative potential**

PROPAN-2-OL

Partition coefficient: n-octanol/water 0,05

**12.4. Mobility in soil**

Information not available

**12.5. Results of PBT and vPvB assessment**

Information not available

**12.6. Endocrine disrupting properties**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

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#### 13) DISPOSAL CONSIDERATIONS

##### 13.1 Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

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.

#### 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>	The product is not classified as a dangerous good according to the regulations, regarding its transportation.		
<b>14.2 Description of the goods</b>	Not applicable	Not applicable	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable	Not applicable	Not applicable
<b>14.4 Packaging group</b>	Not applicable	Not applicable	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable	Not applicable	Not applicable

##### 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.

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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

Flam. Liq. 2	Flammable liquid, category 2
Eye Irrit. 2	Eye irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

#### Revision Information

<b>Revision no:</b>	01
<b>Revision date:</b>	03.02.2026
<b>Explanation:</b>	- This safety data sheet has been revised in accordance with amendment Regulation (EU) 2020/878. - In Section 3, the product contents have been updated taking into account the manufacturer's declaration. The other sections of the safety data sheet were rearranged accordingly.

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*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.*