

Safety Data Sheet acc. to OSHA HCS

Printing date 03/15/2023

Reviewed on 03/15/2023

* 1 Identification

- **Product identifier**
- **Trade name** tesa 60040 Industry Cleaner Sachet
- **Article number:** 60040-00002-01
- **Application of the substance / the mixture** Industrial cleaner
- **Manufacturer/Supplier:** tesa SE Tel.: +49-40-88899-101
Hugo-Kirchberg-Str. 1
D-22848 Norderstedt
Germany
- **Informing department:** tesa SE, Corporate Regulatory Affairs
SDS@tesa.com, Tel.: +49-40-88899-6954
- **Emergency telephone number:** Reception Headquarters
tesa SE, Hugo-Kirchberg-Str. 1, 22848 Norderstedt, Germany
Phone: +49 40 88899 2667 (Mon.-Thurs. 07:00-18:00h, Fr. 07:00-15:00h)

* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids 2

H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Aspiration Hazard 1

H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irritation 2

H315 Causes skin irritation.

Eye Irritation 2A

H319 Causes serious eye irritation.

Sensitization - Skin 1

H317 May cause an allergic skin reaction.

Specific Target Organ Toxicity - Single Exposure 3

H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02



GHS07



GHS08

- **Signal word**

Danger

- **Hazard-determining components of labeling:**

Naphtha (petroleum), hydrotreated light (Note P)
(R)-p-mentha-1,8-diene
propan-2-ol

- **Hazard statements**

Highly flammable liquid and vapor.

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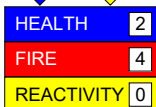
- **Precautionary statements**
 - Causes skin irritation.
 - Causes serious eye irritation.
 - May cause an allergic skin reaction.
 - May cause drowsiness or dizziness.
 - May be fatal if swallowed and enters airways.
 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 - Use only outdoors or in a well-ventilated area.
 - If swallowed: Immediately call a poison center/doctor.
 - Specific treatment (see on this label).
 - Do NOT induce vomiting.
 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - Take off contaminated clothing and wash it before reuse.
 - Store locked up.
 - Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system**
- **NFPA ratings (scale 0-4)**



Health = 2
 Fire = 4
 Reactivity = 0

- **HMIS ratings (scale 0-4)**



Health = 2
 Fire = 4
 Reactivity = 0

- **Other hazards**
 - The product does not contain any elutable organically bound halogen compounds which may lead to an increase in the AOX value during wastewater analysis.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

* 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture in the format of an adhesive tape, consisting of the following components:

· Dangerous components:		
64742-49-0	Naphtha (petroleum), hydrotreated light (Note P) ⚠ Flammable Liquids 2, H225 ⚠ Aspiration Hazard 1, H304 ⚠ Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H336	<100%
67-63-0	propan-2-ol ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	<25%
5989-27-5	(R)-p-mentha-1,8-diene ⚠ Flammable Liquids 3, H226 ⚠ Aspiration Hazard 1, H304 ⚠ Skin Irritation 2, H315; Sensitization - Skin 1B, H317	<25%

- **Additional information**
 - The ingredients are indicated on the packaging.
 - The wording of the listed hazard statements can be found in section 16.

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4 First-aid measures

- **Description of first aid measures**
- **After inhalation** Supply fresh air and call for doctor for safety reasons.
In case of unconsciousness bring patient into stable side position for transport.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Consult a doctor if symptoms persist
- **Information for doctor**
- **Most important symptoms and effects, both acute and delayed** Dazed
- **Indication of any immediate medical attention and special treatment needed** If swallowed, gastric irrigation with added, activated carbon.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** CO2, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents**



Water.

Water with a full water jet.
- **Special hazards arising from the substance or mixture** Carbon monoxide (CO)
Nitrogen oxides (NOx)
- **Advice for firefighters**
- **Protective equipment:**
- **Additional information** No special measures required.
Cool endangered containers with water spray jet.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Inform respective authorities in case product reaches water or sewage system.
- **Methods and material for containment and cleaning up:** Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **Reference to other sections** See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.
- **Protective Action Criteria for Chemicals**

· PAC-1:		
64742-49-0	Naphtha (petroleum), hydrotreated light (Note P)	1,000 mg/m ³
67-63-0	propan-2-ol	400 ppm
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm

· PAC-2:		
64742-49-0	Naphtha (petroleum), hydrotreated light (Note P)	11,000 mg/m ³

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67-63-0	propan-2-ol	2000* ppm
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
· PAC-3:		
64742-49-0	Naphtha (petroleum), hydrotreated light (Note P)	66,000 mg/m ³
67-63-0	propan-2-ol	12000** ppm
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm

* 7 Handling and storage

· Handling
· Precautions for safe handling

 Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

· Information about protection against explosions and fires:


Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use.

· Conditions for safe storage, including any incompatibilities
· Storage
· Requirements to be met by storerooms and containers:

Store in cool location.

· Information about storage in one common storage facility:

Not required.

· Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed containers.

Storing flammable liquids the National regulations have to be fulfilled!

· Specific end use(s)

No further relevant information available.

* 8 Exposure controls/personal protection

· Additional information about design of technical systems:

No further data; see item 7.

· Control parameters
· Components with critical values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

67-63-0 propan-2-ol	
PEL	Long-term value: 980 mg/m ³ , 400 ppm
REL	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV	Short-term value: 400 ppm Long-term value: 200 ppm BEI, A4

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· Ingredients with biological limit values:	
67-63-0 propan-2-ol	
BEI	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
· Additional information:	The lists that were valid during the compilation were used as basis.
· Exposure controls	
· Personal protective equipment	
· General protective and hygienic measures	Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Do not inhale gases / fumes / aerosols. Avoid contact with the skin. Avoid contact with the eyes and skin.
· Breathing equipment:	Use respiratory protection with filter A 2.  In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
· Protection of hands:	Use breathing protection in case of insufficient ventilation.  Solvent resistant gloves
· Material of gloves	Nitrile rubber, NBR Use solvent resistant gloves. Suitability and resistance of a glove depend on the conditions of use, such as frequency and duration of contact, chemical resistance of the glove material, thickness and fit of the gloves. As a general rule, the glove manufacturer should be consulted for the necessary information. Contaminated or damaged gloves should be replaced immediately.
· Penetration time of glove material	The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
· Eye protection:	 Tightly sealed safety glasses.

* 9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Liquid on inert carrier material
Colour:	Without color / not defined
· Smell:	Fruit-like
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	-44 °C (-47.2 °F)

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· Flash point:	-25 °C (-13 °F)
· Auto igniting:	245 °C (473 °F)
· Self-inflammability:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· Critical values for explosion:	
Lower:	1.0 Vol %
Upper:	10.9 Vol %
· Steam pressure at 20 °C (68 °F):	350 hPa (262.5 mm Hg)
· Density at 20 °C (68 °F)	0.84157 g/cm ³ (7.0229 lbs/gal)
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
· Solvent content:	
Organic solvents:	100.0 %
· Other information	No further relevant information available.

10 Stability and reactivity

· Reactivity	No further relevant information available.
· Chemical stability	
· Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
· Possibility of hazardous reactions	No dangerous reactions known
· Conditions to avoid	No further relevant information available.
· Incompatible materials:	No further relevant information available.
· Hazardous decomposition products:	No dangerous decomposition products known

*11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

 · **LD/LC50 values that are relevant for classification:**
ATE (Acute Toxicity Estimate)

Inhalative LC50/ 4 h 55.1 mg/l

 · **Primary irritant effect:**

- **on the skin:** Irritant for skin and mucous membranes.
- **on the eye:** Irritant effect.
- **Sensitization:** Sensitization possible by skin contact.

 · **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Irritant

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· Carcinogenic categories
· IARC (International Agency for Research on Cancer)

67-63-0	propan-2-ol	3
5989-27-5	(R)-p-mentha-1,8-diene	3

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

* 12 Ecological information

· Toxicity
· Aquatic toxicity: No further relevant information available.

· Persistence and degradability No further relevant information available.

· Behaviour in environmental systems:
· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

· Ecotoxicological effects:
· Remark: Toxic for fish

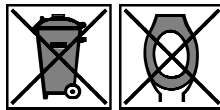
· Additional ecological information:
· General notes: Toxic for aquatic organisms
 Also poisonous for fish and plankton in water bodies.
 Water hazard class 2 (Self-assessment): hazardous for water.
 Do not allow product to reach ground water, water bodies or sewage system.
 Danger to drinking water if even small quantities leak into soil.

· Results of PBT and vPvB assessment
· PBT: Not applicable.

· vPvB: Not applicable.

· Other adverse effects No further relevant information available.

* 13 Disposal considerations

· Waste treatment methods
· Recommendation


Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packagings:

Packaging must be emptied of its residual contents. Empty packaging must be taken to a proper waste disposal facility for recovery or disposal in accordance with the legal regulations. Packaging that is not completely empty must be disposed of in coordination with the regional waste disposal company.

· Recommended cleaning agent:

ethyl acetate

* 14 Transport information

· UN-Number
· DOT, ADR, IMDG, IATA

UN1993

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<ul style="list-style-type: none"> · UN proper shipping name · DOT · ADR · IMDG · IATA 	<p>Flammable liquids, n.o.s. (64742-49-0 Naphtha (petroleum), hydrotreated light (Note P), Isopropanol)</p> <p>FLAMMABLE LIQUID, N.O.S. (64742-49-0 Naphtha (petroleum), hydrotreated light (Note P), ISOPROPANOL (ISOPROPYL ALCOHOL)), ENVIRONMENTALLY HAZARDOUS, (vapour pressure at 50°C not more than 110 kPa)</p> <p>FLAMMABLE LIQUID, N.O.S. (64742-49-0 Naphtha (petroleum), hydrotreated light (Note P), ISOPROPANOL (ISOPROPYL ALCOHOL)), MARINE POLLUTANT</p> <p>FLAMMABLE LIQUID, N.O.S. (64742-49-0 Naphtha (petroleum), hydrotreated light (Note P), ISOPROPANOL (ISOPROPYL ALCOHOL))</p>
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT 	<p>3 Inflammable liquids</p>
  <ul style="list-style-type: none"> · Class · Label 	<p>3</p>
<ul style="list-style-type: none"> · ADR 	<p>3 (F1) Inflammable liquids</p>
  <ul style="list-style-type: none"> · Class · Label 	<p>3</p>
<ul style="list-style-type: none"> · IMDG 	<p>3 Inflammable liquids</p>
  <ul style="list-style-type: none"> · Class · Label 	<p>3</p>
<ul style="list-style-type: none"> · IATA 	<p>3 Inflammable liquids</p>
 <ul style="list-style-type: none"> · Class · Label 	<p>3</p>
<ul style="list-style-type: none"> · Packing group · DOT, ADR, IMDG, IATA 	<p>II</p>

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· Environmental hazards:	Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene, 64742-49-0 Naphtha (petroleum), hydrotreated light (Note P)
· Marine pollutant:	Yes (DOT)
· Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
· Special precautions for user	Warning: Inflammable liquids
· Kemler Number:	33
· EMS Number:	F-E,S-E
· Stowage Category	E
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Limited quantity regulations concerning ADR and IMDG for packages up to 30 kg (gross weight). ID 8000 Consumer commodity for airtransport of finished goods in packages up to 30 kg possible (gross weight). DOT: ORM-D consumer commodity for road transport inside US
· DOT	
· Quantity limitations	On passenger aircraft/rail: 1 L On cargo aircraft only: 30 L
· Remarks:	Special marking with the symbol (fish and tree).
· ADR	
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IMDG	
· Limited quantities (LQ)	0
· Excepted quantities (EQ)	Code: E3 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 300 ml
· UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (VAPOUR PRESSURE AT 50°C NOT MORE THAN 110 KPA) (64742-49-0 NAPHTHA (PETROLEUM), HYDROTREATED LIGHT (NOTE P), ISOPROPANOL (ISOPROPYL ALCOHOL)), 3, II, ENVIRONMENTALLY HAZARDOUS

***15 Regulatory information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Carcinogenicity categories**

· **TLV (Threshold Limit Value)**

67-63-0 propan-2-ol

A4

· **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

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· NIOSH-Ca (National Institute for Occupational Safety and Health)							
None of the ingredients is listed.							
· National regulations	The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.						
· Technical instructions (air):	<table border="1" style="margin-left: 20px; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Class</th> <th style="text-align: left;">Share in %</th> </tr> </thead> <tbody> <tr> <td>III</td> <td>79.9</td> </tr> <tr> <td>NK</td> <td>20.1</td> </tr> </tbody> </table>	Class	Share in %	III	79.9	NK	20.1
Class	Share in %						
III	79.9						
NK	20.1						
· Other regulations, limitations and prohibitive regulations							
· TSCA							
64742-49-0	Naphtha (petroleum), hydrotreated light (Note P)						
67-63-0	propan-2-ol						
5989-27-5	(R)-p-mentha-1,8-diene						
· SARA Section 313							
67-63-0	propan-2-ol						
· SARA section 355							
-							
· Proposition 65 - Cancer							
-							
· Chemical safety assessment:	A Chemical Safety Assessment has not been carried out.						

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Contact:** tesa SE, Corporate Regulatory Affairs, Email: SDS@tesa.com, Tel.: +4940-88899-0
- Date of preparation / last revision** 03/15/2023
- Abbreviations and acronyms:**
 - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - NFPA: National Fire Protection Association (USA)
 - HMIS: Hazardous Materials Identification System (USA)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - SVHC: Substances of Very High Concern
 - vPvB: very Persistent and very Bioaccumulative
 - NIOSH: National Institute for Occupational Safety
 - OSHA: Occupational Safety & Health
 - TLV: Threshold Limit Value
 - PEL: Permissible Exposure Limit
 - REL: Recommended Exposure Limit
 - BEI: Biological Exposure Limit
 - Flammable Liquids 2: Flammable liquids – Category 2
 - Flammable Liquids 3: Flammable liquids – Category 3
 - Skin Irritation 2: Skin corrosion/irritation – Category 2
 - Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
 - Sensitization - Skin 1: Skin sensitisation – Category 1
 - Sensitization - Skin 1B: Skin sensitisation – Category 1B
 - Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
 - Aspiration Hazard 1: Aspiration hazard – Category 1
- * Data compared to the previous version altered.**