

MPA 9010

Revision date: 06.05.2024

Product code: 11912-0038

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

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1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Polishing agent

Uses advised against

No data available.

1.3. Details of the supplier of the safety data sheet

Company name:	Festool GmbH	
Street:	Wertstraße 20	
Place:	D-73240 Wendlingen	
Telephone:	+49(0)7024 804 0	Telefax: +49 (0)7024 804 600
Internet:	www.festool.com	
Responsible Department:	Responsible for the safety data sheet: sds@gbk-ingelheim.de	

1.4. Emergency telephone number:

Public Poisons Information Line: +353 (0) 1 809 2166 (8am-10pm 7 days a week)
Emergency telephone :+49 (0) 6132 / 84463 (GBK GmbH, Ingelheim)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Special labelling of certain mixtures

EUH208	Contains 4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of the following substances with non-hazardous admixtures.

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha			10 - 20 %
	918-481-9	649-327-00-6	01-2119457273-39	
	Asp. Tox. 1; H304			
8042-47-5	White mineral oil (petroleum)			10 - 20 %
	232-455-8		01-2119487078-27	
	Asp. Tox. 1; H304			
31906-04-4	4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde			< 0.1 %
	250-863-4	605-040-00-8		
	Skin Sens. 1A; H317			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
64742-48-9	918-481-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha	10 - 20 %
		inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg	
8042-47-5	232-455-8	White mineral oil (petroleum)	10 - 20 %
		inhalation: LC50 = > 5 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	

Further Information

According to note P to the directive 67/548/EEC, "Solvent naphtha (petroleum)" is not to be classified as "carcinogenic" ingredient because a benzene content (EINECS No. 200-753-7) is below 0.1 % by weight.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove and wash contaminated clothing before re-use.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.
In the event of persistent symptoms receive medical treatment.

After contact with skin

Wash off thoroughly with water.
If skin irritation or rash occurs: Get medical advice/ attention.

After contact with eyes

Remove contact lens.
Rinse thoroughly with plenty of water, also under the eyelids.
In the event of persistent symptoms receive medical treatment.

After ingestion

Give plenty of water to drink in small sips.
Do not induce vomiting.
Seek medical treatment immediately.

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

Symptoms of poisoning may not occur for many hours.

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

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Treat symptoms.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Foam, carbon dioxide (CO₂), dry chemical, water-spray.**Unsuitable extinguishing media**

Full water jet.

5.2. Special hazards arising from the substance or mixtureFire may produce: Toxic gases/vapours, Carbon dioxide (CO₂), Carbon monoxide (CO), Nitrogen oxides (NO_x)**5.3. Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

In case of fire, wear suitable respiratory equipment with positive air supply.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Ensure adequate ventilation.

Avoid contact with eyes and skin.

High risk of slipping due to leakage/spillage of product.

For non-emergency personnel

Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protective clothing.

Remove persons to safety.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).

Stop leak if safe to do so.

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up**For cleaning up**

Shovel into suitable container for disposal.

Other information

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

Take up mechanically and collect in suitable container for disposal.

Waste disposal according to local regulations.

6.4. Reference to other sections

Informations for safe handling look up chapter 7.

Informations for personal protective equipment look up chapter 8.

Informations for disposal look up chapter 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Ensure adequate ventilation, especially in confined areas.

Avoid contact with the skin and the eyes.

When using do not eat, drink or smoke.

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Storing of food in workroom forbidden.
Follow the directions.

Advice on protection against fire and explosion

No information available.

Advice on general occupational hygiene

Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.
Keep away from food, drink and animal feeding stuffs.
Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container at cool and aired place.

Hints on joint storage

No information available.

Further information on storage conditions

Store at ambient temperature.

7.3. Specific end use(s)

Polishing agent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
102-71-6	Triethanolamine	-	5		TWA (8 h)	

Additional advice on limit values

No data available

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection

In case of eye contact wear Safety goggles or face protection

Hand protection

Protective gloves (EN 374)

Solvent-resistant gloves (butylrubber), 0,5 mm. Breakthrough time: < 120min.

Skin protection cream.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Wear suitable protective clothing.

Safety Shoes

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

No personal respiratory protective equipment normally required.

Use suitable breathing apparatus if there is inadequate ventilation.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	paste, Liquid
Colour:	Various, depending on coloration
Odour:	characteristic
Odour threshold:	No data available

Changes in the physical state

Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range:	Not determined.
Softening point:	No data available
Flash point:	> 100 °C

Flammability

Solid/liquid:	Not determined.
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Explosive properties

The product is not explosive.

Lower explosion limits:	Not determined.
Auto-ignition temperature:	Not determined.

Self-ignition temperature

Solid:	Not determined.
Decomposition temperature:	Not determined.

pH-Value:	7 - 9
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Viscosity / dynamic:	3000-10000 mPa·s
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Viscosity / kinematic: (at 40 °C)	> 20,5 mm ² /s
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Water solubility: (at 20 °C)	Partly soluble.
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Solubility in other solvents

Not determined.

Partition coefficient n-octanol/water:	Not determined.
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Vapour pressure:	Not determined.
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Density (at 20 °C):	1,05 g/cm ³
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Bulk density:	Not applicable.
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Relative vapour density:	Not determined.
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9.2. Other information

Information with regard to physical hazard classes

Sustaining combustion:	Not sustaining combustion
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Oxidizing properties

Non oxidizing.

Other safety characteristics

Solvent separation test:	n.a.
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Solvent content:	Not determined.
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Evaporation rate:	Not determined.
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No data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

The product has not been tested.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Not known.

10.6. Hazardous decomposition products

No decomposition if used as directed.

Fire may produce: Toxic gases/vapours, Carbon dioxide (CO₂), Carbon monoxide (CO), Nitrogen oxides (NO_x)**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Toxicokinetics, metabolism and distribution**

The product has not been tested.

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Contains 4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

11.2. Information on other hazards**Endocrine disrupting properties**

No information available.

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Further information

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

SECTION 12: Ecological information

12.1. Toxicity

The product has not been tested.

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-48-9	Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha			
		70-80%	28	

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Hazard to waters.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.

Where possible recycling is preferred to disposal.

Disposal in accordance with local regulations.

The waste code number must be agreed with the disposer / manufacturer / competent authority.

Contaminated packaging

Empty receptacle completely.

Uncontaminated packaging may be reused.

Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

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14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:

No dangerous good in sense of this transport regulation.

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- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

Other applicable information

No hazardous material as defined by the transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28, Entry 75

Directive 2010/75/EU on industrial emissions: 12 g/l

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

Changes in chapter: -

Abbreviations and acronyms

EC Directives: acts of the European Union, part of the secondary Union law

CAS-Nr.: Chemical Abstracts Service

TRGS 510: Technical Rules for Hazardous Substances "storage of hazardous materials in portable tanks"

TRGS 900: Technical Rules for Hazardous Substances "workplace exposure limits"

EN 374: Standard for protective gloves (gloves for protection against chemicals and micro-organisms)

EN 166: European safety standards for eye and face protection (requirements)

STOT: Specific target organ toxicity

AVV: European Waste Catalogue

VOC: Volatile organic compound

GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals

ADR: Agreement concerning the international carriage of Dangerous goods by Road

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

IMDG-Code: International Maritime Code for Dangerous Goods

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ADN: sea and inland waterway transport
 ICAO: International Civil Aviation Organization
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
 IBC-Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 n.a. - not applicable

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 IMDG = International Maritime Code for Dangerous Goods
 IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
 MARPOL = International Convention for the Prevention of Pollution from Ships
 IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
 CAS = Chemical Abstract Service
 EN = European norm
 ISO = International Organization for Standardization
 DIN = Deutsche Industrie Norm
 PBT = Persistent Bioaccumulative and Toxic
 vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
 LC = Lethal concentration
 EC = Effect concentration
 IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
EUH208	Contains 4-(4-hydroxy-4-methylpentyl)cyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)