

### MPA 5010

Revision date: 06.05.2024

Product code: 11912-0021

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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

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   |              |                  |           |

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

Treat symptoms.

### SECTION 5: Firefighting measures

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#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray.

##### **Unsuitable extinguishing media**

Full water jet.

#### **5.2. Special hazards arising from the substance or mixture**

Fire may produce: Toxic gases/vapours, Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Nitrogen oxides (NO<sub>x</sub>)

#### **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.

Storing of food in workroom forbidden.

Follow the directions.

##### **Advice on protection against fire and explosion**

No information available.

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#### 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 <sup>3</sup> | fib/cm <sup>3</sup> | 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.

## SECTION 9: Physical and chemical properties

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

Physical state:

paste, Liquid

Colour:

Various, depending on coloration

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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.

#### 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

Viscosity / dynamic: 3000-10000 mPa·s

Viscosity / kinematic:  
 (at 40 °C) > 20,5 mm<sup>2</sup>/s

Water solubility:  
 (at 20 °C) Partly soluble.

#### Solubility in other solvents

Not determined.

Partition coefficient n-octanol/water: Not determined.

Vapour pressure: Not determined.

Density (at 20 °C): 1,05 g/cm<sup>3</sup>

Bulk density: Not applicable.

Relative vapour density: Not determined.

#### 9.2. Other information

##### Information with regard to physical hazard classes

Sustaining combustion: Not sustaining combustion

Oxidizing properties

Non oxidizing.

##### Other safety characteristics

Solvent separation test: n.a.

Solvent content: Not determined.

Evaporation rate: Not determined.

##### Further Information

No data available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product has not been tested.

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**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 (CO<sub>2</sub>), Carbon monoxide (CO), Nitrogen oxides (NO<sub>x</sub>)

**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.

**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.

**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.

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#### 12.2. Persistence and degradability

The product has not been tested.

| CAS No     | Chemical name   | Method     | Value  | d  | Source |
|------------|---|------------|--------|----|--------|
|            |   | Method     |        |    | 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:

-

##### 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.

##### 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.

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**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

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

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



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#### 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.  
 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.)*