

MPA-F+

Revision date: 30.01.2023

Product code: 11912-0023

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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:In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111
Emergency telephone :+49 (0) 6132 / 84463 (GBK GmbH, Ingelheim)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements**GB CLP Regulation****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.

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

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 (GB CLP Regulation)			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			1-5 %
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

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	
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	1-5 %
		dermal: LD50 = 12800 mg/kg; oral: LD50 = 5280 mg/kg	

Further Information

Ingredients according to EC Detergents Regulation 648/2004:
< 5 % Anionic surfactants

fragrances:

BENZISOTHIAZOLINONE

LAURYLAMINE DIPROPYLENEDIAMINE

METHYLISOTHIAZOLINONE

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 with water and soap and rinse thoroughly.
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

Rinse out mouth thoroughly with water.
Drink plenty of water.
Consult a physician.

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

No information available.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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Suitable extinguishing mediaFoam, 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).**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. Wear full protective suit.

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.

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/ground water.

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

Information for safe handling look up section 7.

Information for personal protective equipment look up chapter 8.

Information for disposal see section 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.

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.

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Hints on joint storage

No information available.

Further information on storage conditions

Store at room temperature.

7.3. Specific end use(s)

Polishing agent

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m ³
Worker DNEL, long-term		inhalation	systemic	500 mg/m ³

PNEC values

CAS No	Substance	Value
Environmental compartment		
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Soil		28 mg/kg
Marine water		140,9 mg/l
Marine sediment		552 mg/kg
Freshwater sediment		552 mg/kg
Freshwater		140,9 mg/kg

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: 480 min.

Skin protection cream.

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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.
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:	Liquid
Colour:	Colourless
Odour:	characteristic

Changes in the physical state

Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range:	Not determined.
Flash point:	58,5 °C

Flammability

Solid/liquid:	Not applicable.
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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:	6-8
Viscosity / dynamic:	Not determined.
Viscosity / kinematic:	Not determined.
Water solubility:	Soluble.

Solubility in other solvents

Not determined.

Partition coefficient n-octanol/water:	Not determined.
Vapour pressure:	Not determined.
Density:	approx. 1,0 g/cm ³
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	
Not fire-promoting.	

Other safety characteristics

Solvent content:	Not determined.
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Evaporation rate: Not determined.

Further Information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No uncommon reactivity known.

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).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicokinetics, metabolism and distribution

The product has not been tested.

Acute toxicity

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

Irritation and corrosivity

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

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 12: Ecological information

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12.1. Toxicity

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
		95%	21	
		99,9%		

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

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

No information available.

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

Low hazard to waters.

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.

Can be disposed of as a solid waste or burned in a suitable installation subject to local regulations.

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

List of Wastes Code - residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Contaminated packaging

Disposal in accordance with local regulations.

Empty receptacle completely.

Untamminated 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: -

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

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Restrictions on use (REACH, annex XVII):

Entry 40, Entry 75

2010/75/EU (VOC): < 6 %

National regulatory information

Water hazard class (D): 1 - slightly 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 section: 2, 11.1, 12,6

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)

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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.

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