

Safety Data Sheet
according to regulation (EG) No. 1907/2006

Cleaner for Fugenfill

edited at: 09.11.2017 version: **01**
valid from: 09.11.2017 replaced version: - - - - -

1. Identification of the substance / mixture and of the company

1.1 Name of substance

Commercial product name: **Cleaner for Fugenfill**

1.2 Application: **Cleaner for gentle cleaning of plastic surfaces when using Fugenfill in living areas.**

1.3 Fabricant: **Döllken-Weimar GmbH**
Street: **Stangenallee 3**
State / Postal code / city: **D-99428 Nohra Germany**
Telephone: **+49-(0) 36 43 / 41 70-0**
Telefax: **+49-(0) 36 43 / 41 70-330**
E-Mail: **info@doellken-weimar.de**

2. Hazards identification

2.1 Classification: **no hazardous product according to regulation (EC) No. 1272/2008, CLP/GHS**

2.2 Label elements:

Labelling according to regulation (EG) No. 1272/2008 [CLP]

Hazard pictograms: **not applicable**
Hazard statements: **not applicable**
Safety instructions: **not applicable**
includes: **not applicable**

2.3 Other hazards:

when burning: carbon monoxide, carbon dioxide, smoke, nitrogen oxides.

3. Composition / information on ingredients

3.1 Substances: **aqueous preparation**

Hazardous ingredients:

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Chemical name	
INDEX No.	classification	
200-661-7	01-2119457558-25-xxxx	
67-63-0	propan-2-ol	7 < 10
603-117-00-0	Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	

Additional information

Full text of H-phrases: see section 16.

4. First- aid measures

4.1 Description of first aid measures

General information: **In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing**

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- by mouth, place in recovery position and seek medical advice.
- after inhalation: Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.
- after contact with the skin: Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.
- after contact with the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.
- after swallowing: rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.
- 4.2 Most important symptoms and effects, both acute and delayed
In all cases of doubt, or when symptoms persist, seek medical advice.
- 4.3 Indication of any immediate medical attention and special treatment needed
not applicable
-

5. Firefighting measures

- 5.1 Extinguishing media:
Suitable: water spray mist, alcohol resistant foam, extinguishing powder, carbon dioxide CO₂
Unsuitable: water jet
- 5.2 Special hazards arising from the substance or mixture:
Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.
- 5.3 Advice for firefighting:
Use respiratory protection independent of recirculated air. Cool closed containers those are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.
-

6. Accidental release Measures

- 6.1 Personal precautions, protective equipment and emergency procedures:
Keep away from sources of ignition. Ventilate affected area.
Do not breathe vapours.
- 6.2 Environmental precautions:
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.
- 6.3 Methods and material for containment and cleaning up:

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Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

6.4 Reference to other sections:

Note the protective measures in sections 7 and 8.

7. Handling and storage

7.1 Precautions for safe handling:

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Precautions against fire and explosion:

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities:

Storage in accordance with the Ordinance on Industrial Safety and Health. Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)". Keep away from strongly acidic and alkaline materials as well as oxidizers. Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight. Remove all sources of ignition. Follow general rules of prophylactically fire protection.

7.3 Specific end uses:

Observe instructions for use.

8. Exposure controls and personal protective equipment

8.1 Control parameters

8.1.1 Occupational exposure limits / biological limit values

propan-2-ol

INDEX No. 603-117-00-0 / EC No. 200-661-7 / CAS No. 67-63-0

TWA: 999 mg/m³; 400 ppm

STEL: 1250 mg/m³; 500 ppm

Additional information

TWA : long-term occupational exposure limit value

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STEL : short-term occupational exposure limit value
Ceiling : peak limitation

8.1.2 DNEL- and PNEC- values:

DNEL: propan-2-ol

INDEX No. 603-117-00-0 / EC No. 200-661-7 / CAS No. 67-63-0

DNEL long-term dermal (systemic), Workers: 888 mg/kg

DNEL long-term inhalative (systemic), Workers: 500 mg/m³

DNEL long-term oral (repeated), Consumer: 26 mg/kg

DNEL long-term dermal (systemic), Consumer: 319 mg/kg

DNEL long-term inhalative (systemic), Consumer: 89 mg/m³

PNEC: propan-2-ol

INDEX No. 603-117-00-0 / EC No. 200-661-7 / CAS No. 67-63-0

PNEC aquatic, freshwater: 140,9 mg/l

PNEC aquatic, marine water: 140,9 mg/l

PNEC aquatic, intermittent release: 140,9 mg/l

PNEC sediment, freshwater: 552 mg/kg

PNEC sediment, marine water: 552 mg/kg

PNEC, Soil: 28 mg/kg

PNEC sewage treatment plant (STP): 2251 mg/l

PNEC Secondary Poisoning: 160 mg/kg

8.1.3 Control-Banding (e.g. ILO, EMKG):

not applicable

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

8.2.2 Personal protective equipment:

Eye protection:

use closely fitting protective glasses in case of splashes.

Skin protection:

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers. After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Hand protection:

For prolonged or repeated handling the glove material Butyl caoutchouc (butyl rubber) must be used. Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min. Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374 Barrier creams can help protecting exposed skin areas.

Respiratory protection:

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear

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time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

8.2.3 Environmental exposure controls:

Note the sections 6 and 7.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	
Physical state / form:	liquid
Colour:	reddish transparent
Odour:	characteristic
Odour threshold:	undefined
pH- Value:	undefined
Melting point/range:	no data available
Initial boiling point/range:	82 °C, calculated – demineralized water
Flash point:	no data available
Ignition temperature:	no data available
Lower explosion limit:	2 Vol-% - calculated propan-2-ol
Upper explosion limit:	12 Vol-% - calculated propan-2-ol
Vapour pressure at 20 °C:	47,9288 mbar - calculated
Density at 20 °C:	0,97 g/cm ³ - calculated
Water solubility / -miscibility at 20 °C:	miscible
Distribut. coeff. n-octanol / water:	no data available
Ignition temperature:	no data available
Thermal decomposition:	no data available
Viscosity at 20 °C:	30 s 3 mm (EN ISO 2431)
explosive attributes:	not applicable
oxidizing attributes:	not applicable

9.2 Other safety information

Solid content (%):	0,02 Wt. %
solvent content:	
Organic solvents:	10 Wt. %
Water:	90 Wt. %

10. Stability und reactivity

10.1 Reactivity: If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.2 Chemical stability:

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The product is chemically stable in usual surrounding conditions (indoor temperature).

10.3 Possibility of hazardous reactions:

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4 Conditions to avoid:

Stable when applying the recommended regulations for storage and handling. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5 Incompatible materials:

not applicable

10.6 Hazardous decomposition products:

when burning:

carbon monoxide, carbon dioxide, smoke, nitrogen oxides.

No risk of formation of the above-mentioned products when handled properly.

11. Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

No data on preparation itself available.

11.1 Information on toxicological effects:

Acute toxicity

propan-2-ol

oral, LD50, Rat: 5840 mg/kg

Method: OECD 401

dermal, LD50, Rabbit: > 2000 mg/kg

Method: OECD 402

inhalative (vapours), LC50, Rat: 30 mg/l (4 h)

Based on available data the classification criteria are not met.

skin corrosion/irritation; Serious eye damage/eye irritation

propan-2-ol

Causes serious eye irritation..

Respiratory or skin sensitisation

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Toxicological data are not available.

Specific target organ toxicity

propan-2-ol

Specific target organ toxicity (single exposure), drowsiness:

May cause drowsiness or dizziness.

Aspiration hazard

Toxicological data are not available.

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Practical experience/human evidence

Other observations:

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

12. Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself.

12.1 Toxicity:

propan-2-ol

Fish toxicity, LC50, Pimephales promelas (fathead minnow): 9640 mg/l (96 h)

Daphnia toxicity, EC50, Daphnia magna (Big water flea): > 9714 mg/l (48 h)

Algae toxicity, ErC50, Scenedesmus quadricauda: > 100 mg/l (72 h)

Bacteria toxicity: > 100 mg/l

Based on available data the classification criteria are not met.

12.2 Persistence and degradability:

propan-2-ol

Biodegradation: 53 % (5 D)

Readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential:

propan-2-ol

Partition coefficient: n-octanol/water: 0,05

12.4 Mobility in soil:

Toxicological data are not available.

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.

12.6 Other adverse effects:

Do not allow to enter into surface water or drains.

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13. Disposal considerations

13.1 Waste treatment methods:

Product:

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Follow local, official regulations.

proposed waste code: 140603 other solvents and solvent mixtures

Product packaging:

Non-contaminated and empty packages may be recycled.

Not properly emptied packages are special waste.

14. Transport information

14.1 UN-No: no data available

14.2 Proper UN- shipment designation

Road ADR / Railway RID: no hazardous material

Ship IMDG-Code: no hazardous material

Airplane ICAO-TI / IATA-DGR: no hazardous material

14.3 Danger classes for carriage:

no hazardous material

14.4 Category for wrapping:

no data available

14.5 Threats for environment:

Mark of endangering substances

ADR/RID / IMDG-Code / ICAO-TI / IATA-DGR: yes / no

Marine Pollutant: yes / no

14.6 Special indications to caution for user:

Note the sections 6 - 8

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

category of pollution (X, Y or Z): not specified

ship (1, 2 or 3): not specified

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or Mixture:

EU legislation - Directive 2010/75/EU on industrial emissions

VOC-value (in g/L): 97,013

National regulations

Observe employment restrictions under the Maternity Protection Directive (92/85/EC) for expectant or nursing mothers.

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Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline` (94/33/EC).

15.2 Chemical Safety Assessment:

For the following substances of this preparation a chemical safety assessment has been carried out:

EC No. CAS No.	Chemical name	REACH No.
200-661-7 67-63-0	propan-2-ol	01-2119457558-25-xxxx

16. Other information

Full text of classification in section 3:

Flam. Liq. 2 / H225	Flammable liquids	Highly flammable liquid and vapour.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
STOT SE 3 / H336	Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The data are based on recent knowledge as well as experiences and details from our suppliers. The Safety Data Sheet describes products regarding safety necessities. The data have not the meaning of assurance of characteristics.

This version substituts any previous versions.