

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 30 May 2023

Print date: 2 Jun 2023

Version: 0.2

FSG Schäfer GmbH

Instandsetzungs-Materialien für Möbeloberflächen



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## FSG-Plastic Cleaner, Type DN/AS

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

#### 1.1. Product identifier

Trade name/designation:

FSG-Plastic Cleaner, Type DN/AS

Article No.:

RE18000

UFI:

0DUK-M1TM-T004-MSFD

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

Use of the substance/mixture:

Cleaner

Detergents and cleaning products (including solvent based),

Commercial use of general purpose surface cleaners.

Relevant identified uses:

**Sector of uses [SU]**

**SU 6a:** Manufacture of wood and wood products

**Product Categories [PC]**

**PC 35:** Washing and cleaning products

**Article categories [AC]**

**AC 11:** Wood articles

#### 1.3. Details of the supplier of the safety data sheet

**Manufacturer:**

**FSG Schäfer GmbH**

Boschstraße 14

48703 Stadtlohn

GERMANY

**Telephone:** +49 (0) 25 63 - 93 95 - 0

**Telefax:** +49 (0) 25 63 - 93 95 - 25

**E-mail:** verkauf@fsg-schaefer.de

**Website:** www.fsg-schaefer.de

**E-mail (competent person):** sdb@fsg-schaefer.de

Only for information: National Poisons Information Service (Birmingham Unit): 844 892 0111

#### 1.4. Emergency telephone number

24h: Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department., Office FSG: +49 (0) 2563 93950. (Only available during office hours.)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids ( <i>Flam. Liq. 2</i> )	H225: Highly flammable liquid and vapour.	
Aspiration hazard ( <i>Asp. Tox. 1</i> )	H304: May be fatal if swallowed and enters airways.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> )	H412: Harmful to aquatic life with long lasting effects.	

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### 2.2. Label elements

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

Hazard pictograms:



**GHS02**  
Flame



**GHS08**  
Health hazard

Signal word: Danger

#### Hazard statements for physical hazards

H225 Highly flammable liquid and vapour.

#### Hazard statements for health hazards

H304 May be fatal if swallowed and enters airways.

#### Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

Supplemental hazard information: none

#### Precautionary statements Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P240 Ground/bond container and receiving equipment.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/Personal protection.

#### Precautionary statements Response

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/First aider.

#### Precautionary statements Disposal

P501 Dispose of contents/container to Disposal methods.

Special rules for supplemental label elements for certain mixtures:

80,9 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (dermal).

3,3 % percent of the mixture consists of ingredient(s) of unknown acute toxicity (inhalative).

### 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 64-17-5 EC No.: 200-578-6 Index No.: 603-002-00-5	<b>ethanol</b> Flam. Liq. 2 (H225) Danger	48 - < 85 weight-%
EC No.: 920-750-0 Index No.: 649-328-00-1 REACH No.: 01-2119473851-33-0XXX	<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 2 (H225), STOT SE 3 (H336) Danger	4 - ≤ 9 weight-%
EC No.: 927-241-2 REACH No.: 01-2119471843-32-0000	<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> Aquatic Chronic 3 (H412), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), STOT SE 3 (H336) Danger	2 - ≤ 4 weight-%

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Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 1174522-20-3 EC No.: 920-134-1 REACH No.: 01-2119480153-44-XXXX	<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), STOT SE 3 (H336) Danger	2 - ≤ 4 weight-%
CAS No.: 78-93-3 EC No.: 201-159-0 Index No.: 606-002-00-3	<b>butanone</b> Eye Irrit. 2 (H319), Flam. Liq. 2 (H225), STOT SE 3 (H336) Danger EUH066	1 - < 2.51 weight-%
CAS No.: 1474044-65-9 EC No.: 939-607-9 REACH No.: 01-2119471849-20	<b>Quaternary ammonium compounds, C12-14 (even-numbered) - alkylethyldimethyl, ethylsulphate</b> Acute Tox. 3 (H311), Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Corr. 1C (H314) Danger	0 - ≤ 0.3 weight-%
CAS No.: 68439-50-9 EC No.: 500-213-3	<b>Alcohols, C12-14, ethoxylated</b> Aquatic Acute 1 (H400), Aquatic Chronic 3 (H412) Warning	0 - < 0.17 weight-%
CAS No.: 5392-40-5 EC No.: 226-394-6 Index No.: 605-019-00-3	<b>citral</b> Skin Irrit. 2 (H315), Skin Sens. 1 (H317) Warning	0 - < 0.06 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

#### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact:

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. In case of skin irritation, consult a physician. Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

#### Following ingestion:

Rinse mouth. Get medical advice/attention if you feel unwell. Observe risk of aspiration if vomiting occurs. Let 1 glass of water be drunk in little sips (dilution effect). Do NOT induce vomiting. Get immediate medical advice/attention.

#### Self-protection of the first aider:

Use personal protection equipment.

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

Pneumonia, Pulmonary oedema.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Water spray jet, alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO<sub>2</sub>).  
Fire extinguishers Fire class B.

#### Unsuitable extinguishing media:

Full water jet.

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

Highly flammable, Combustible.

#### Hazardous combustion products:

In case of fire may be liberated: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Pyrolysis products, toxic, carbon black.

In case of fire: Gases/vapours, toxic.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Special danger of slipping by leaking/spilling product. Remove persons to safety.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8.

### 6.2. Environmental precautions

Discharge into the environment must be avoided. Do not allow to enter into surface water or drains.

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

#### For containment:

Soak up inert absorbent and dispose as waste requiring special attention.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up:

Clean with detergents. Avoid solvent cleaners. Water (with cleaning agent).

### 6.4. Reference to other sections

Safe handling: see section 7.

Personal protection equipment: see section 8.

Disposal: see section 13.

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

##### Advices on safe handling:

Do not breathe gas/fumes/vapour/spray. Repeated exposure may cause skin dryness or cracking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof machinery, apparatus, ventilation facilities, tools etc. Wear personal protection equipment (refer to section 8).

##### Fire prevent measures:

Highly flammable, Take precautionary measures against static discharge. Keep away from sources of ignition - No smoking.

##### Measures to prevent aerosol and dust generation:

If possible, do not use for spraying. Wipe for cleaning

##### Environmental precautions:

Discharge into the environment must be avoided.

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### Advices on general occupational hygiene

Wash hands before breaks and after work. After cleaning apply high-fat content skin care cream. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

#### Packaging materials:

Material, solvent-resistant, Keep/Store only in original container.

#### Requirements for storage rooms and vessels:

Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

#### Hints on storage assembly:

Keep away from combustible material. Do not store together with:

Combustible substances of acute toxicity, category 1 and 2 / very toxic substances

Non-combustible substances of acute toxicity, category 1 and 2 / very toxic substances

Combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects

Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects

#### Storage class (TRGS 510, Germany): 3 - Flammable liquids

#### Further information on storage conditions:

Protect from sunlight. Store in a well-ventilated place.

### 7.3. Specific end use(s)

#### Recommendation:

Detergents and cleaning products (including solvent based),

Commercial use of general purpose surface cleaners. If possible, do not use for spraying.

#### Industrial sector specific solutions:

Stripper, irritant, containing solvents with skin absorptive substances

#### GISCODE:

GG60

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
WEL (GB)	<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	① 1,000 ppm (1,920 mg/m <sup>3</sup> )
IOELV (EU)	<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	① 200 ppm (600 mg/m <sup>3</sup> ) ② 300 ppm (900 mg/m <sup>3</sup> )
WEL (GB)	<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	① 200 ppm (600 mg/m <sup>3</sup> ) ② 300 ppm (899 mg/m <sup>3</sup> )

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### 8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	① Parameter ② Test material ③ Time of sampling: ④ Remark
BMGV (GB) from 3 Jan 1900	<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	70 µmol/L	① butan 2-one ② urine ③ end of exposure or end of shift

### 8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	950 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	114 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	1,900 mg/m <sup>3</sup>	① DNEL worker ② Acute - inhalation, local effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	950 mg/m <sup>3</sup>	① DNEL Consumer ② Acute - inhalation, local effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	343 mg/kg bw/ day	① DNEL worker ② Long-term - dermal, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	206 mg/kg bw/ day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	87 mg/kg bw/ day	① DNEL worker ② Long-term - oral, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	87 mg/kg bw/ day	① DNEL worker ② Acute - oral, systemic effects
<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0	2,035 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0	608 mg/m <sup>3</sup>	① DNEL Consumer ② Acute - inhalation, systemic effects
<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0	773 mg/kg bw/ day	① DNEL worker ② Long-term - dermal, systemic effects
<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0	699 mg/kg bw/ day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0	699 mg/kg bw/ day	① DNEL Consumer ② Long-term - oral, systemic effects
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2	185 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2	77 mg/kg bw/ day	① DNEL worker ② Long-term - dermal, systemic effects

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Substance name	DNEL value	① DNEL type ② Exposure route
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2	46 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2	300 mg/kg bw/day	① DNEL worker ② Long-term - oral, systemic effects
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2	46 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1	871 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1	185 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1	77 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1	46 mg/kg bw/day	① DNEL Consumer ② Acute - dermal, systemic effects
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1	46 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	600 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	106 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	1,161 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	412 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	31 mg/kg bw/day	① DNEL worker ② Long-term - oral, systemic effects
<b>Quaternary ammonium compounds, C12-14 (even-numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	3.32 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>Quaternary ammonium compounds, C12-14 (even-numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	0.98 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects

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<b>Quaternary ammonium compounds, C12-14 (even-numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	4.7 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
<b>Quaternary ammonium compounds, C12-14 (even-numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	2.83 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>Quaternary ammonium compounds, C12-14 (even-numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	2.83 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	294 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	87 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	2,080 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	1,250 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	25 mg/kg bw/day	① DNEL Consumer ② Long-term - oral, systemic effects
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	136 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	29 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	958 mg/m <sup>3</sup>	① DNEL worker ② Acute - inhalation, systemic effects
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	340 mg/m <sup>3</sup>	① DNEL Consumer ② Acute - inhalation, systemic effects
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	19 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	8 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	9 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	2.7 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	1.7 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects



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Substance name	DNEL value	① DNEL type ② Exposure route
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	1 mg/kg bw/ day	① DNEL Consumer ② Long-term - dermal, systemic effects
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	0.14 mg/cm <sup>2</sup>	① DNEL worker ② Long-term - dermal, local effects
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	0.14 mg/cm <sup>2</sup>	① DNEL Consumer ② Long-term - dermal, local effects
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	0.6 mg/kg bw/ day	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	0.96 mg/L	① PNEC aquatic, freshwater
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	0.76 mg/L	① PNEC aquatic, marine water
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	580 mg/L	① PNEC sewage treatment plant
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	3.6 mg/kg	① PNEC sediment, freshwater
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	0.63 mg/kg	① PNEC soil, freshwater
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	55.8 mg/L	① PNEC aquatic, freshwater
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	55.8 mg/L	① PNEC aquatic, marine water
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	709 mg/L	① PNEC sewage treatment plant
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	284.74 mg/kg	① PNEC sediment, freshwater
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	284.7 mg/kg	① PNEC sediment, marine water
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	1 g/kg	① PNEC secondary poisoning
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	55.8 mg/L	① PNEC aquatic, intermittent release
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	22.5 mg/kg	① PNEC soil, freshwater
<b>Quaternary ammonium compounds, C12-14 (even-numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	0.00068 mg/L	① PNEC aquatic, freshwater

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## FSG-Plastic Cleaner, Type DN/AS

Substance name	PNEC Value	① PNEC type
<b>Quaternary ammonium compounds, C12-14 (even- numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	0.000068 mg/L	① PNEC aquatic, marine water
<b>Quaternary ammonium compounds, C12-14 (even- numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	0.9 mg/L	① PNEC sewage treatment plant
<b>Quaternary ammonium compounds, C12-14 (even- numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	9.27 mg/kg	① PNEC sediment, freshwater
<b>Quaternary ammonium compounds, C12-14 (even- numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	0.927 mg/kg	① PNEC sediment, marine water
<b>Quaternary ammonium compounds, C12-14 (even- numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	7 mg/kg	① PNEC soil
<b>Quaternary ammonium compounds, C12-14 (even- numbered) - alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9	0.00036 mg/L	① PNEC aquatic, intermittent release
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	74.5 µg/L	① PNEC aquatic, freshwater
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	7.5 µg/L	① PNEC aquatic, marine water
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	10,000 mg/L	① PNEC sewage treatment plant
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	66.67 mg/kg	① PNEC sediment, freshwater
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	6.66 mg/kg	① PNEC sediment, marine water
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	1 mg/kg bw/day	① PNEC soil
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3	4 µg/L	① PNEC aquatic, intermittent release
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	813 µg/L	① PNEC aquatic, freshwater
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	81.3 µg/L	① PNEC aquatic, marine water
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	1.554 g/m <sup>3</sup>	① PNEC sewage treatment plant

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Substance name	PNEC Value	① PNEC type
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	3.61 mg/kg	① PNEC sediment, freshwater
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	0.361 mg/kg	① PNEC sediment, marine water
<b>butane-1,4-diol</b> CAS No.: 110-63-4 EC No.: 203-786-5	8.13 mg/L	① PNEC aquatic, intermittent release
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	6.78 µg/L	① PNEC aquatic, freshwater
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	0.678 µg/L	① PNEC aquatic, marine water
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	1.6 mg/L	① PNEC sewage treatment plant
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	0.125 mg/kg	① PNEC sediment, freshwater
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	0.0125 mg/kg	① PNEC sediment, marine water
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	0.0209 mg/kg	① PNEC soil
<b>citral</b> CAS No.: 5392-40-5 EC No.: 226-394-6	67.8 µg/L	① PNEC aquatic, intermittent release

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. generation/formation of aerosols: Technical ventilation of workplace.

### 8.2.2. Personal protection equipment



#### Eye/face protection:

Eye glasses with side protection EN 166.

#### Skin protection:

Check leak tightness/impermeability prior to use.

In full contact: Suitable material: Butyl caoutchouc (butyl rubber) >0,7 mm, Breakthrough time: >480 min.

In splash contact: Suitable material: Butyl caoutchouc (butyl rubber), NBR (Nitrile rubber) >0,4mm, Breakthrough time: >120 min.

The following gloves may be used: Ultranitriil 492, MAPA Professionnel & Nitril/Neopren Microflex 93-260 (EN374 (JKL), EN388 (2000); Kat.III; AQL 0,65).

Tested protective gloves must be worn EN ISO 374.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

Breakthrough times and swelling properties of the material must be taken into consideration.

#### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device with filter or ventilator filtering device of type: AX.

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## FSG-Plastic Cleaner, Type DN/AS

### Thermal hazards:

Risk of explosion if heated under confinement.

### Other protection measures:

Wear suitable protective clothing.

### 8.2.3. Environmental exposure controls

No data available

## SECTION 9: Physical and chemical properties

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

#### Appearance

Physical state: Liquid

Colour: colourless

Odour: Lemon

#### Safety relevant basis data

Parameter	Value	① Method ② Remark
pH	7	
Melting point	<i>not determined</i>	
Freezing point	<i>not determined</i>	
Initial boiling point and boiling range	78 - 137 °C	
Decomposition temperature	<i>not determined</i>	
Flash point	10 °C	
Evaporation rate	<i>not determined</i>	
Auto-ignition temperature	<i>not determined</i>	
Upper/lower flammability or explosive limits	<i>not determined</i>	
Vapour pressure	<i>not determined</i>	
Vapour density	<i>not determined</i>	
Density	<i>not determined</i>	
Relative density	<i>not determined</i>	
Bulk density	<i>not determined</i>	
Water solubility	partially miscible	
Partition coefficient: n-octanol/water	<i>not determined</i>	
Dynamic viscosity	<i>not determined</i>	
Kinematic viscosity	<i>not determined</i>	

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapour.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions/Exothermic reaction with: Acid, Light metals (Formation of: Hydrogen).

### 10.4. Conditions to avoid

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

### 10.5. Incompatible materials

Oxidising agent.

### 10.6. Hazardous decomposition products

In case of warming: Flammable solvent vapor mixtures are possible.

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Gases/vapours, toxic.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0
<b>LD<sub>50</sub> oral:</b> >5,000 mg/kg (Rat) MSDS Distributor
<b>LD<sub>50</sub> dermal:</b> 2,800 - 3,100 mg/kg (Rat) ECHA
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> 23.3 mg/L 4 h (Rat) ECHA
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2
<b>LD<sub>50</sub> oral:</b> >15,000 mg/kg (Rat) MSDS Distributor
<b>LD<sub>50</sub> dermal:</b> >5,000 mg/kg (Rabbit) MSDS Distributor
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> >6.1 mg/L 4 h (Rat) MSDS Distributor
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1
<b>LD<sub>50</sub> oral:</b> 5,000 - 15,000 mg/kg (Rat) OECD 401
<b>LD<sub>50</sub> dermal:</b> 2,000 mg/kg (Rat) OECD 402
<b>LC<sub>50</sub> Acute inhalation toxicity (dust/mist):</b> 4.951 - 9.3 mg/L 4 h (Rat) OECD 403
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0
<b>LD<sub>50</sub> oral:</b> 2,740 mg/kg (Rat) Toxicology and Applied Pharmacology. Vol. 19, Pg. 699, 1971.
<b>LD<sub>50</sub> dermal:</b> 6,480 mg/kg (Rabbit) Shell Chemical Company. Vol. MSDS-5390-4,
<b>Quaternary ammonium compounds, C12-14 (even-numbered) -alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9
<b>LD<sub>50</sub> oral:</b> 570 - 600 mg/kg (Rat)
<b>LD<sub>50</sub> dermal:</b> 429 - 1,900 mg/kg (Rabbit)
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3
<b>LD<sub>50</sub> oral:</b> 2,000 mg/kg

#### Acute oral toxicity:

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

#### Acute dermal toxicity:

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

#### Acute inhalation toxicity:

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

#### Skin corrosion/irritation:

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

#### Serious eye damage/irritation:

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

#### Respiratory or skin sensitisation:

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

#### 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:

May be fatal if swallowed and enters airways.

#### Additional information:

No data available

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## FSG-Plastic Cleaner, Type DN/AS

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0
LC <sub>50</sub> : 10 - 30 mg/L 3 d (fish) ECHA
EC <sub>50</sub> : 4.6 - 10 mg/L 2 d (crustaceans) ECHA
EC <sub>50</sub> : 10 - 30 mg/L 3 d (Algae/water plant) ECHA
NOEC: 0.17 mg/L 21 d (crustaceans) ECHA
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2
LC <sub>50</sub> : 10 - ≤100 mg/L 2 d (crustaceans, Daphnia magna (Big water flea)) MSDS Distributor
LC <sub>50</sub> : 10 - ≤100 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout)) MSDS Distributor
LC <sub>50</sub> : >100 mg/L (Algae/water plant) MSDS Distributor
LC <sub>50</sub> : >1,000 mg/L (Mikroorganismen) MSDS Distributor
LC <sub>50</sub> : >10 - <30 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout))
EC <sub>50</sub> : >1,000 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) EL 50 SDB BR
EC <sub>50</sub> : >22 - <46 mg/L 2 d (crustaceans, Daphnia magna (Big water flea)) EL 50 SDB BR
NOEC: <1 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) NOELR SDB BR
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1
LC <sub>50</sub> : 3.6 mg/L 4 d (fish, Oncorhynchus mykiss (Rainbow trout)) OECD 203
EC <sub>50</sub> : 22 - 46 mg/L 2 d (crustaceans, Daphnia magna (Big water flea)) OECD 202
EC <sub>50</sub> : 1,000 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0
LC <sub>50</sub> : 3,220 - 3,220 mg/L 4 d (fish, Pimephales promelas) Brooke, L.T., D.J. Call, D.L. Geiger, and C.E. Northcott 1984 Acute Toxicities of Organic Chemicals to Fathead Minnows (Pimephales promelas), Vol. 1. Center for Lake Superior Environmental Stud., Univ. of Wisconsin-Superior, Superior, WI :414
EC <sub>50</sub> : 5,090 - 5,090 mg/L 2 d (crustaceans) Randall, T.L., and P.V. Knopp 1980. Detoxification of Specific Organic Substances by Wet Oxidation. J. Water Pollut. Control Fed. 52(8):2117-2130
EC <sub>50</sub> : 2,029 mg/L 4 d (Algae/water plant) ECHA
NOEC: 68 mg/L 2 d (crustaceans) ECHA
<b>Quaternary ammonium compounds, C12-14 (even- numbered) -alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9
LC <sub>50</sub> : 0.0138 mg/L 4 d (fish) ECHA
EC <sub>50</sub> : 0.036 mg/L 2 d (crustaceans) ECHA
NOEC: 0.01 mg/L 4 d (fish) ECHA
NOEC: 0.0322 mg/L 28 d (fish) ECHA
NOEC: 0.0068 - 0.0991 mg/L 21 d (crustaceans)
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3
LC <sub>50</sub> : 1.2 mg/L 4 d (fish)
NOEC: 0.11 - 0.33 mg/L 28 d (fish)
EC <sub>50</sub> : 0.53 mg/L 2 d (crustaceans)
NOEC: 0.77 - 1.75 mg/L 21 d (crustaceans)
EC <sub>50</sub> : 0.0341 - 3.1 mg/L 3 d (Algae/water plant)

### Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0
<b>Biodegradation:</b> Yes, rapidly
<b>Remark:</b> Inherently biodegradable. bioaccumulation possible.

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<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2
<b>Biodegradation:</b> Yes, rapidly
<b>Remark:</b> Bioakkumulation potentiell möglich, Schädlich für Fische.
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1
<b>Biodegradation:</b> Yes, rapidly
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0
<b>Biodegradation:</b> Yes, rapidly
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3
<b>Biodegradation:</b> Yes, rapidly

### 12.3. Bioaccumulative potential

<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1
<b>Log K<sub>OW</sub>:</b> 4.76
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0
<b>Log K<sub>OW</sub>:</b> 0.3
<b>Quaternary ammonium compounds, C12-14 (even- numbered) -alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9
<b>Log K<sub>OW</sub>:</b> 3.26
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3
<b>Log K<sub>OW</sub>:</b> 4.68

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

<b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> EC No.: 920-750-0
<b>Results of PBT and vPvB assessment:</b> This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
<b>Hydrocarbons, C9-C10, containing n-alkanes, isoalkanes, cyclics, with &lt;2% aromatics</b> EC No.: 927-241-2
<b>Results of PBT and vPvB assessment:</b> —
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b> CAS No.: 1174522-20-3 EC No.: 920-134-1
<b>Results of PBT and vPvB assessment:</b> —
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0
<b>Results of PBT and vPvB assessment:</b> —
<b>Quaternary ammonium compounds, C12-14 (even- numbered) -alkylethyldimethyl, ethylsulphate</b> CAS No.: 1474044-65-9 EC No.: 939-607-9
<b>Results of PBT and vPvB assessment:</b> —
<b>Alcohols, C12-14, ethoxylated</b> CAS No.: 68439-50-9 EC No.: 500-213-3
<b>Results of PBT and vPvB assessment:</b> This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

14 06 03 *	other solvents and solvent mixtures
------------	-------------------------------------

\*: Evidence for disposal must be provided.

Directive 2008/98/EC (Waste Framework Directive)

HP 3	Flammable
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## FSG-Plastic Cleaner, Type DN/AS

### Remark:

Изхвърляне съгласно Наредбата за предотвратяване и обезвреждане на отпадъци (VVEA, ehem. TVA) ШВЕЙЦАРИЯ - Код на отпадъците: 1101 - Нехалогенирани разтворители

### Waste code packaging

15 01 06	mixed packaging
----------	-----------------

### Waste treatment options

#### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package:

Completely emptied packages can be recycled.









#### Other disposal recommendations:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

### 13.2. Additional information

Return to Distributor..

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
UN 1993	UN 1993	UN 1993	UN 1993
<b>14.2. UN proper shipping name</b>			
FLAMMABLE LIQUID, N.O.S. (Gasoline Mixtures)	FLAMMABLE LIQUID, N.O.S. (Gasoline Mixtures)	FLAMMABLE LIQUID, N.O.S. (Gasoline Mixtures)	FLAMMABLE LIQUID, N.O.S. (Gasoline Mixtures)
<b>14.3. Transport hazard class(es)</b>			
 3	 3	 3	 3
<b>14.4. Packing group</b>			
II	II	II	II
<b>14.5. Environmental hazards</b>			
		 MARINE POLLUTANT	
<b>14.6. Special precautions for user</b>			
<b>Special Provisions:</b> 640 D <b>Limited quantity (LQ):</b> 1 L <b>Hazard identification number (Kemler No.):</b> 33 <b>Classification code:</b> F1 <b>Tunnel restriction code:</b> (D/E) <b>Remark:</b> -	<b>Special Provisions:</b> 640 D <b>Limited quantity (LQ):</b> 1 L <b>Classification code:</b> F1 <b>Remark:</b> -	<b>Special Provisions:</b> 640D <b>Limited quantity (LQ):</b> 1 L <b>EmS-No.:</b> F-E, S-E	<b>Special Provisions:</b> 640D <b>Limited quantity (LQ):</b> 1 L

### 14.7. Maritime transport in bulk according to IMO instruments

not determined.

### Additional information:

-



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## FSG-Plastic Cleaner, Type DN/AS

### SECTION 15: Regulatory information

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

##### 15.1.1. EU legislation

###### Restrictions on use:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. According to directive 94/33/EC, juveniles are only allowed to handle this product as long as all effects of dangerous substances are prevented.

###### Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive], Hazard categories:

- P5a Flammable Liquids, Category 1 or 2
- P5b Flammable liquids
- P5c Flammable liquids of Categories 2 or 3, not covered by P5a and P5b

###### Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:

Volatile organic compounds (VOC) content in percent by weight: 98.6 weight-%

##### 15.1.2. National regulations

###### [GB] National regulations

###### Other regulations, restrictions and prohibition regulations

Regulation 1005/2009/EC on substances that deplete the ozone layer (ODS)

Regulation 850/2004/EC on persistent organic pollutants (POP)

Regulation 649/2012/EU concerning the export and import of hazardous chemicals (PIC)

##### 15.2. Chemical Safety Assessment

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

### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

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

#### 16.3. Key literature references and sources for data

No data available

#### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids ( <i>Flam. Liq. 2</i> )	H225: Highly flammable liquid and vapour.	
Aspiration hazard ( <i>Asp. Tox. 1</i> )	H304: May be fatal if swallowed and enters airways.	
Hazardous to the aquatic environment ( <i>Aquatic Chronic 3</i> )	H412: Harmful to aquatic life with long lasting effects.	

#### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 30 May 2023

**Print date:** 2 Jun 2023

**Version:** 0.2

FSG Schäfer GmbH

Instandsetzungs-Materialien für Möbeloberflächen



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## FSG-Plastic Cleaner, Type DN/AS

### Hazard statements

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### Supplemental hazard information

EUH066	Repeated exposure may cause skin dryness or cracking.
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### 16.6. Training advice

No data available

### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.