

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

1.1. Product identifier

Name of product Felt cleaner QUICK CLEAN 18oz

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

Recommended intended purpose(s)
 cleaner

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor Veith KG
 Dorfstrasse 4, D-23847 Westerau
 Phone +49 (0) 4539-1818-0, Fax +49 (0) 4539-181852
 E-Mail service@veith-group.de
 Internet www.veith-group.de

Advice

E-mail (competent person):
service@veith-group.de

1.4. Emergency telephone number

Emergency advice Poison information centre GIZ-Nord
 Phone (+49) 0551-19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
Aerosol 1	H222, H229	

Hazard statements for physical hazards

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.

2.2. Label elements

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



GHS02

Signal word

Danger

Hazard statements for physical hazards

H222 Extremely flammable aerosol.
 H229 Pressurised container: May burst if heated.

Precautionary Statements

General

P102 Keep out of reach of children.

Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.

Storage

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Special rules for supplemental label elements for certain mixtures

Contains d-limonene. May cause allergic reactions.

2.3. Other hazards

Results of PBT and vPvB assessment

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

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Cleaning agent with propellant gas

Hazardous ingredients

CAS No	EC No	Name	[%]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
67-56-1	200-659-6	methanol	<= 0,1	Flam. Liq. 2, H225 / Acute Tox. 3, H331 / Acute Tox. 3, H311 / Acute Tox. 3, H301 / STOT SE 1, H370
111-76-2	203-905-0	butylcellosolve	>= 1	Acute Tox. 4, H332 / Acute Tox. 4, H312 / Acute Tox. 4, H302 / Eye Irrit. 2, H319 / Skin Irrit. 2, H315
64-17-5	200-578-6	ethyl alcohol	> 1 < 5	Flam. Liq. 2, H225
64-02-8	200-573-9	tetrasodium ethylene diamine tetraacetate	< 1	Acute Tox. 4, H302 / Eye Dam. 1, H318
68476-86-8	270-705-8	Petroleum gases, liquid, sweetened	5	Press. Gas / Flam. Gas 1, H220

REACH

CAS No	Name	REACH registration number
67-56-1	methanol	01-2119433307-44

Additional advice

Petroleum gases, liquid, sweetened (CAS: 68476-86-8): the substance has contained less than 0,1 % by weight of 1,3-butadiene.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of inhalation

In case of illness, seek medical advice.
 Ensure of fresh air.

In case of skin contact

In case of contact with skin wash off with water.

In case of eye contact

In the event of persistent symptoms receive medical treatment.
 Rinse gently with water for a few minutes. Remove existing contact lenses if possible. Continue rinsing.

In case of ingestion

Do not induce vomiting.
Call for a doctor immediately.

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

Physician's information / possible symptoms

Headache
Dizziness

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam
Dry fire-extinguishing substance
Carbon dioxide
water mist

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.
Containers can build up pressure if exposed to heat (fire). Risk of bursting.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Do not inhale explosion and/or combustion gases.
Use a recirculated air independent breathing apparatus for fire-fighting

Additional information

Cool endangered containers with water spray jet.
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

For non-emergency personnel

Leaking material can create slippery conditions.
Observe usual precautionary measures for handling chemicals.

For emergency responders

Remove persons to safety.
Use personal protective clothing.
Keep away sources of ignition.
Use respiratory protection if exposed to gases/vapours.
Leaking material can create slippery conditions.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
 After taking up the material dispose according to regulation.

6.4. Reference to other sections

Safe handling: see section 7
 Disposal: see section 13
 Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep away from ignition sources - no smoking

General protective measures

Do not inhale gases/vapours/aerosols.

Hygiene measures

Please observe work hygiene regulations.
 Keep separated from food and feed.
 Clean hands after work and before breaks.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
 Do not spray into a naked flame or any incandescent material.
 Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.
 Protect from direct solar radiation.
 Storage temperature may not exceed 50°C (=122°F).

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
106-97-8	Butane	8 hours	1450	600	EH40/2005
		Short-term	1810	750	
111-76-2	2-butoxyethanol	8 hours		25	EH40/2005
		Short-term		50	
67-56-1	methanol	8 hours	266	200	EH40/2005
		Short-term	333	250	
1310-73-2	Sodium hydroxide	8 hours			EH40/2005
		Short-term	2		

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2004/37/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
111-76-2	2-butoxyethanol	8 hours	98	20	skin
		Short-term	246	50	
67-56-1	methanol	8 hours	260	200	skin

DNEL-/PNEC-values

DNEL worker

CAS No	Substance name	Value	Code	Remark
67-56-1	methanol	40 mg/kg	DNEL acute dermal, short-term (systemic)	
		260 mg/m3	DNEL long-term inhalative (systemic)	
		40 mg/kg	DNEL long-term dermal (systemic)	
		260 mg/m3	DNEL acute inhalative (systemic)	
		260 mg/m3	DNEL long-term inhalative (systemic)	
		260 mg/m3	DNEL acute inhalative (local)	

DNEL Consumer

CAS No	Substance name	Value	Code	Remark
67-56-1	methanol	8 mg/kg	DNEL long-term oral (repeated)	
		8 mg/kg	DNEL long-term dermal (systemic)	
		50 mg/m3	DNEL long-term inhalative (systemic)	
		50 mg/m3	DNEL long-term inhalative (local)	

PNEC

CAS No	Substance name	Value	Code	Remark
67-56-1	methanol	0,47 mg/l	PNEC aquatic, marine water	
		2,44 mg/kg	PNEC sediment, marine water	
		2,44 mg/kg	PNEC sediment, freshwater	
		0,21 mg/kg	PNEC soil	
		0,19 mg/l	PNEC sewage treatment plant (STP)	
		4,7 mg/l	PNEC aquatic, intermittent release	

8.2. Exposure controls

Respiratory protection

In case of insufficient ventilation or long-term effect use breathing apparatus.

Breathing apparatus in the event of high concentrations.

Short-term: filter apparatus, filter AX, otherwise environment-independent breathing apparatus.

Hand protection

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nitrile; 0.1 mm; 480 min.; 60min.; for example "DERMATRIL L" from the company KCL, email: Vertrieb@kcl.de

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.

The selection of a suitable glove depends and from manufacturer to manufacturer different not only on the material, but also on further quality criteria.

The exact breakthrough time of the glove material is to be inquired from the protection glove manufacturer and must be strictly adhered to.

Eye protection

tight-closing safety goggles (according to EN 166)

Appropriate engineering controls

For good space ventilation provide, if necessary exhaust on the job.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

aerosol

Colour

colourless, clear

Odour

characteristic

Odour threshold

not determined

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value	not determined				
Boiling temperature / boiling range	not determined				
Melting point / Freezing point	not determined				
Flash point					not applicable, as aerosol.
Vapourisation rate	not determined				
Flammable (solid)	not determined				
Flammability (gas)	not determined				
Ignition temperature	not determined				
Self ignition temperature					The product is not self-igniting.
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapour pressure	not determined				
Relative density	0,95 g/cm ³				
Vapour density	not determined				
Solubility in water					insoluble
Solubility/other	not determined				
Partition coefficient n-octanol/water (log P O/W)	not determined				



	Value	Temperature	at	Method	Remark
Decomposition temperature	not determined				
Viscosity	not determined				
Oxidising properties No information available.					
Explosive properties No information available.					
9.2. Other information No information available.					

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactions with strong oxidizing agents, reducing agents, acids and alkalis.

10.2. Chemical stability

Stable under the stated storage temperature.

10.3. Possibility of hazardous reactions

Oxidising agent, strong

Reducing agent

Acids and alkalis

10.4. Conditions to avoid

Heat, open flames, sparks.

high temperature

10.5. Incompatible materials

Substances to avoid

Reactions with acids and strong alkalis.

Reactions with strong oxidising agents.

Reactions with reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	3000 mg/kg	rat		Due to available data, the classification criteria are not met.
LD50 acute dermal	406 mg/kg	rabbit		Due to available data, the classification criteria are not met.

Value/Validation	Species	Method	Remark
LC50 acute inhalation			Due to available data, the classification criteria are not met.
Skin irritation			Due to available data, the classification criteria are not met.
Eye irritation			Due to available data, the classification criteria are not met.
Skin sensitization			Due to available data, the classification criteria are not met.
Sensitization respiratory system			Due to available data, the classification criteria are not met.
Experiences made from practice			
Inhalation: can cause headaches and dizziness			
Contact with the skin and the eyes may cause irritation			
Additional information			
Other hazardous properties may not be excluded.			
The product is to be handled with the caution usual with chemicals.			

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

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 REACH, annex XIII.

12.6. Other adverse effects

General regulation

Avoid leaking into groundwater, surface water or sewage system.

Ecological data are not available.

Harmful to aquatic organisms with long-lasting effects.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste code No.

15 01 04

Name of waste

metallic packaging

Recommendations for the product

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWG) stipulates recycling as a requirement.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the Laender.



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

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Felt cleaner QUICK CLEAN 18oz

Recommendations for packaging

Disposal in accordance with local regulations.

General information

For proper waste disposal a complete emptying of the tin is necessary.

SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	1950	1950	1950
14.2. UN proper shipping name	AEROSOLS (Petroleum gases, liquefied, sweetened)	AEROSOLS (Petroleum gases, liquefied, sweetened)	Aerosols, flammable (Petroleum gases, liquefied, sweetened)
14.3. Transport hazard class(es)	2.1	2.1	2.1
14.4. Packing group	-	-	-
14.5. Environmental hazards	No	No	No

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

Land and inland navigation transport ADR/RID

Hazard label(s) 2.1

Tunnel restriction code D

Classification code 5F

SECTION 15: Regulatory information

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

No information available.

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please observe the following disclaimer! --- Our safety data sheets have been compiled according to effective EU-directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Each user is responsible for the implementation of the national special regulations.

Sources of key data used

Data sheets of the sub-supplier.

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.



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H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H370	Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).