

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 1/13



Opgesteld door: NB

Bekrachtigd door: SL

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

### 1.1. Product identifier

Productname	<b>Kelfort ® Purreiniger</b>
Article number	1516231

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

Recommended use	No further relevant information available
-----------------	---

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

**Distributeur** Ferney Group BV  
Postbus 24  
1700 AA Heerhugowaard – The Netherlands  
T +31 (0)72-5765000 - F +31 (0)72-5765010  
[bedrijfsbureau@ferneygroup.nl](mailto:bedrijfsbureau@ferneygroup.nl) - [www.ferney.nl](http://www.ferney.nl)

### 1.4 Emergency telephone number

Noodtelefoon : +49(0)9366-907126 (ma-do 7.15-18.00 hour) or  
: +31(0)88-7558000 (after worktime, exclusive use for doctors, pharmacists and government institutions)

Country	Organisation/ Company	Address	Emergency number	Comments
The Netherlands	National Poisons Information Center	House post number B.00.118 PO Box 85500 3508 GA Utrecht	+31 88 755 80 00	For the sole purpose of informing healthcare professionals in the event of acute poisoning

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 2/13



Opgesteld door: NB

Bekrachtigd door: SL

## SECTION 2: Hazards identification

### · 2.1 Classification of the substance or mixture

#### · Classification according to Regulation (EC) No 1272/2008

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

### · 2.2 Label elements

#### · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### · Hazard pictograms



GHS02 GHS07

#### · Signal word Danger

#### · Contains:

acetone

#### Hazard statements

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

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

#### Precautionary statements

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.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Supplemental information:

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVK(E) : 00/1516231  
Rev : H  
Page : 3/13



Opgesteld door: NB

Bekrachtigd door: SL

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Description: Active substance with propellant

#### Dangerous components:

CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2219471330-49-xxxx	acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	75-<100%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	10-<20%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane, pure Flam. Gas 1A, H220; Press. Gas (Comp.), H280	5-<10%

#### EU SVHC -

Additional information: For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General information: Take affected persons out of danger area and lay down.

After inhalation: Supply fresh air; consult doctor in case of complaints.

#### After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Immediately remove all soiled and contaminated clothing

If symptoms persist consult doctor.

#### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Give small amounts of water to drink.

Seek immediate medical advice.

Information for doctor: No further relevant information available.

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

Irritating to eyes.

Vapours may cause drowsiness and dizziness.

Hazards No further relevant information available.

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

No further relevant information available.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 4/13



Opgesteld door: NB

Bekrachtigd door: SL

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

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

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### **5.3 Advice for firefighters**

**Protective equipment:** Wear self-contained respiratory protective device.

## **SECTION 6: Accidental release measures**

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

Wear protective equipment. Keep unprotected persons away.

Avoid contact with the eyes and skin.

Ensure adequate ventilation.

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

### **6.3 Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to Section 13.

### **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 5/13



Opgesteld door: NB

Bekrachtigd door: SL

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Avoid contact with the eyes and skin.  
Wear suitable protective clothing and gloves.  
Avoid breathing vapours/spray.  
The usual precautionary measures are to be adhered to when handling chemicals.

### Information about fire - and explosion protection:

Extremely flammable aerosol.  
Pressurised container: May burst if heated.  
Protect against electrostatic charges.  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
Do not spray onto a naked flame or any incandescent material.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

#### Storage:

#### Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

#### Information about storage in one common storage facility:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.  
Do not seal receptacle gas tight.  
Protect from heat and direct sunlight.

### 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

##### CAS: 67-64-1 acetone

WGW (Netherland)	Short-term value: 2420 mg/m <sup>3</sup> , 1000 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm
------------------	--

#### Long term effects

##### CAS: 67-64-1 acetone

Oral	consumer	62 mg/m <sup>3</sup> (general public) (systemic effects)
Dermal	industrial	186 mg/kg/24h (workers) (systemic effects)
	consumer	62 mg/kg/24h (general public) (systemic effects)

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 6/13



Opgesteld door: NB

Bekrachtigd door: SL

Inhalative	industrial	1,210 mg/m <sup>3</sup> (workers) (systemic effects)
	consumer	200 mg/m <sup>3</sup> (general public) (systemic effects)

· **Short term effects**

**CAS: 67-64-1 acetone**

Dermal	industrial	186 mg/m <sup>3</sup> (workers) (systemic effects)
Inhalative	industrial	2,420 mg/m <sup>3</sup> (workers) (local effects)

· **PNECs**

**CAS: 67-64-1 acetone**

PNEC	100 mg/L (sewage treatment plant)
	10.6 mg/L (sediment (fresh water))
	1.06 mg/L (salt water)
PNEC	29.5 mg/kg (soil)
	3.04 mg/kg (sediment (salt water))
	30.4 mg/kg (sediment (fresh water))

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Do not eat, drink, smoke or sniff while working.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Ensure that washing facilities are available at the work place.

Avoid contact with the eyes and skin.

Wear suitable protective clothing and gloves.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Use only in well-ventilated areas.

Filter AX

· **Hand protection**



Protective gloves

Solvent resistant gloves

· **Material of gloves**

Butyl rubber, BR

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 7/13



Opgesteld door: NB

Bekrachtigd door: SL

Recommended thickness of the material:  $\geq 0.5$  mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**



Tightly sealed goggles

· **Body protection:** Solvent resistant protective clothing

## SECTION 9: Physical and chemical properties

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

#### · General Information

· Colour:	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	-44.5 °C (CAS: 74-98-6 propane)
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	1.7 Vol % (CAS: 74-98-6 propane)
· Upper:	13.0 Vol % (CAS: 67-64-1 acetone)
· Flash point:	-97 °C
· Auto-ignition temperature:	365 °C (CAS: 106-97-8 butane, pure)
· Decomposition temperature:	Not determined.
· pH at 20 °C	7
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Immiscible / difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	8,300 hPa (CAS: 74-98-6 propane)
· Vapour pressure at 50 °C:	800 hPa
· Density and/or relative density	
· Density at 20 °C:	0.7 g/cm <sup>3</sup>
· Relative density	Not determined.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 8/13



Opgesteld door: NB

Bekrachtigd door: SL

· Vapour density	Not determined.
· 9.2 Other information	
· Appearance:	
· Form:	Aerosol
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· VOC (EU)	700.0 g/l
· VOC (EC)	100.00 %
· Evaporation rate	Not applicable.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

## SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

### 10.6 Hazardous decomposition products:

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide and carbon dioxide



# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 9/13



Opgesteld door: NB

Bekrachtigd door: SL

## SECTION 11: Toxicological information

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

· **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values relevant for classification:

CAS: 67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat) (OECD 401)
Dermal	LD50	20,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC0/4 h	16,000 ppm (rat)
	LC50/4 h	76 mg/L (rat)

· **Skin corrosion/irritation** Slight irritation possible.

#### · **Serious eye damage/irritation**

Causes serious eye irritation.

· **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**

May cause drowsiness or dizziness.

· **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 toxicological information:** Repeated exposure may cause skin dryness or cracking.

### · 11.2 Information on other hazards

#### · **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · **Aquatic toxicity:**

CAS: 67-64-1 acetone

LC50/96 h	5,540 mg/L (oncorhynchus mykiss)
	7,500 mg/L (leuciscus idus)
EC50/48 h	6,100 mg/L (daphnia magna)
IC50/8 d	7,500 mg/L (scenedesmus quadricauda)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects** No further relevant information available.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 10/13



Opgesteld door: NB

Bekrachtigd door: SL

## SECTION 13: Disposal considerations

### · 13.1 Waste treatment methods

#### · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.


#### · European waste catalogue

20 01 13*	solvents
15 01 04	metallic packaging
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

#### · Uncleaned packaging:

· Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

## SECTION 14: Transport information


· 14.1 UN number or ID number	
· ADR, IMDG, IATA	UN1950
· 14.2 UN proper shipping name	
· ADR	1950 AEROSOLS
· IMDG	1950 AEROSOLS
· IATA	AEROSOLS
	AEROSOLS, flammable
· 14.3 Transport hazard class(es)	
· ADR	
	
· Class	2 5F Gases.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
 VVFK(E) : 00/1516231  
 Rev : H  
 Page : 11/13



Opgesteld door: NB	Bekrachtigd door: SL
--------------------	----------------------

· Label	2.1
· IMDG, IATA	
	
· Class	2.1 Gases.
· Label	2.1
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Warning: Gases.
· Hazard identification number (Kemler code):	-
· EMS Number:	F-D,S-U
· Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Transport category	2
· Tunnel restriction code	D
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVK(E) : 00/1516231  
Rev : H  
Page : 12/13



Opgesteld door: NB

Bekrachtigd door: SL

## SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
"EU-CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1)  
"EU-REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments)  
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020  
The Endocrine Disruptor Lists I, II, III ([www.edlists.org](http://www.edlists.org))  
2001/118/EC as regards the list of wastes  
2008/98/EC on waste

- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

CAS: 67-64-1 | acetone

- **Regulation (EC) No 273/2004 on drug precursors**

CAS: 67-64-1 | acetone

3

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

CAS: 67-64-1 | acetone

3

- **National regulations:**

- **Other regulations, limitations and prohibitive regulations** No further relevant information available.
- **Substances of very high concern (SVHC) according to EU REACH, Article 57** Not applicable.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 13/13



Opgesteld door: NB

Bekrachtigd door: SL

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### · Relevant phrases

H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.

· **Date of previous version:** 30.11.2021

· **Version number of previous version:** 11

### · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· **\* Data compared to the previous version altered.**

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

# Safety data sheets Ferney Group BV

Date : 18-06-2024  
VVFK(E) : 00/1516231  
Rev : H  
Page : 14/13



Opgesteld door: NB	Bekrachtigd door: SL
--------------------	----------------------