

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 1/20



Opgesteld door: IM

Bekrachtigd door: GL

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

1.1. Product identifier

Productname	Kelfort ® Siliconenkitverwijderaar 100 ml
Article number	1516300
Producttype	Mixture
Regulation	Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008 This SDS is for generic information purposes and does not reflect required country specific information for OEL

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

Recommended use	Cleaning agent
Uses advised against	None known.

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 - 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 : 22-06-2026
VVK(E) : 05-1516300
Rev : F
Page : 2/20



Opgesteld door: IM

Bekrachtigd door: GL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids	Category 3 - (H226)
Skin corrosion	Category 1 Sub-category C - (H314)
Serious eye damage	Category 1 - (H318)
Hazardous to the aquatic environment - chronic	Category 3 - (H412)

2.2. Label elements

Contains Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives



Signal word
Danger

Hazard statements

H226 - Flammable liquid and vapour.
H314 - Causes severe skin burns and eye damage.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P260 - Do not breathe vapour
P280 - Wear protective gloves and eye protection
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor
P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information

This product requires child resistant fastenings if supplied to the general public. This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

Toxic to aquatic life. In use, may form flammable/explosive vapour-air mixture.

PBT & vPvB

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVK(E) : 05-1516300
Rev : F
Page : 3/20



Opgesteld door: IM

Bekrachtigd door: GL

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No. (Index No.)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Hydrocarbons, C11-C12, isoalkanes <2% aromatics RR-99779-5	40 - <80	01-2119472146-39-XXXX	918-167-1	Asp. Tox. 1 (H304) (EUH066) Flam. Liq. 3 (H226)	-	-	-	-
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives 85536-14-7	10 - <20	01-2119490234-40-XXXX	287-494-3	Skin Corr. 1C (H314) Acute Tox. 4 (H302) Eye Dam. 1(H318) Aquatic Chronic 3 (H412)	-	-	-	-
Isopropyl alcohol 67-63-0	0.1- <1	01-2119457558-25-XXXX	200-661-7 (603-117-00-0)	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)	-	-	-	-
Quaternary ammonium compounds, benzyl-C16-C18 (even numbered)-alkyldimethyl, chlorides --	0.1- <1	01-2119970169-28-xxxx	939-290-7	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Acute Tox. 4 (H302) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	10	1	-
Methyl ethyl ketone 78-93-3	0.1 - <0.3	01-2119457290-43-XXXX	201-159-0 (606-002-00-3)	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Liq. 2 (H225) (EUH066)	-	-	-	-

Substances identified by a number starting "RR-" in the CAS-field are substances for which the CAS# is not adopted in EU and we use an internal numbering system to track within our SDS software

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVK(E) : 05-1516300
Rev : F
Page : 4/20



Opgesteld door: IM

Bekrachtigd door: GL

Chemical name	EC No. (Index No.)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Hydrocarbons, C11-C12, isoalkanes <2% aromatics	918-167-1	RR-99779-5	-	-	-	-	-
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	287-494-3	85536-14-7	1219	-	-	-	-
Isopropyl alcohol	200-661-7 (603-117-00-0)	67-63-0	-	-	-	-	-
Quaternary ammonium compounds, benzyl-C16-C18 (even numbered)-alkyldimethyl, chlorides	939-290-7	--	350	2730	-	-	-
Methyl ethyl ketone	201-159-0 (606-002-00-3)	78-93-3	-	-	-	-	-

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

If medical advice is needed, have product container or label at hand. Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Inhalation

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.

Eye contact

Consult an ophthalmologist. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get immediate medical attention.

Ingestion

Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get immediate medical attention.

Self-protection of the first aider

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 5/20



Opgesteld door: IM

Bekrachtigd door: GL

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

Symptoms Burning sensation. Redness. May cause blindness. Coughing and/ or wheezing. May cause redness and tearing of the eyes.

Effects of Exposure No information available.

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

Note to doctors Product is a corrosive material. Use of gastric lavage or emesis is contra-indicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media Full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Risk of ignition. Vapours may form explosive mixture with air. Most vapours are heavier than air. Vapours may spread along ground and collect in low or confined areas (sewers, basements, tanks).

Hazardous combustion products Carbon oxides. Silicon dioxide. Thermal decomposition can lead to release of irritating and toxic gases and vapours.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Attention! Corrosive material.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 6/20



Opgesteld door: IM

Bekrachtigd door: GL

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Should not be released into the environment. Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Eliminate all ignition sources if safe to do so. Residues which cannot be recycled are disposed of as chemical waste. Equipment cleaned with organic solvent, washings are collected and disposed of as solvent waste. Collect water from cleaning tools and reuse it or dispose it in local sewage systems. Do not spill water or dispose cleaning water into the environment.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Use personal protective equipment. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 7/20



Opgesteld door: IM

Bekrachtigd door: GL

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep away from food, drink and animal feedingstuffs. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials.

Recommended storage temperature

Keep at temperatures between 5 and 25 °C.

7.3. Specific end use(s)

Specific use(s)

Cleaning agent.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Only European Community Occupational Exposure Limits will be shown in this document. Please refer to regional SDS for further information.

Chemical name	European Union
Methyl ethyl ketone 78-93-3	TWA: 200 ppm; TWA: 600 mg/m ³ ; STEL: 300 ppm; STEL: 900 mg/m ³ ;

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)

Isopropyl alcohol (67-63-0)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	500 mg/m ³	
worker Long term Systemic health effects	Dermal	888 mg/kg bw/d	

Methyl ethyl ketone (78-93-3)

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
------	----------------	--------------------------------	---------------

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 8/20



Opgesteld door: IM	Bekrachtigd door: GL
--------------------	----------------------

worker Long term Systemic health effects	Dermal	1161 mg/kg bw/d	
worker Long term Systemic health effects	Inhalation	600 mg/m³	

Derived No Effect Level (DNEL)			
Isopropyl alcohol (67-63-0)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Inhalation	89 mg/m³	
Consumer Long term Systemic health effects	Dermal	319 mg/kg bw/d	
Consumer Long term Systemic health effects	Oral	26 mg/kg bw/d	

Methyl ethyl ketone (78-93-3)			
Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Consumer Long term Systemic health effects	Dermal	412 mg/kg bw/d	
Consumer Long term Systemic health effects	Inhalation	106 mg/m³	
Consumer Local health effects Systemic health effects	Oral	31 mg/kg bw/d	

Predicted No Effect Concentration No information available.
(PNEC)

Predicted No Effect Concentration (PNEC)	
Isopropyl alcohol (67-63-0)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	140.9 mg/l
Marine water	140.9 mg/l
Sewage treatment plant	2251 mg/l
Freshwater sediment	552 mg/kg dry weight
Marine sediment	552 mg/kg dry weight
Soil	28 mg/kg dry weight

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVK(E) : 05-1516300
Rev : F
Page : 9/20



Opgesteld door: IM

Bekrachtigd door: GL

Quaternary ammonium compounds, benzyl-C16-C18 (even numbered)-alkyldimethyl, chlorides (--)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.42 µg/l
Marine water	0.096 µg/l
Sewage treatment plant	800 µg/l
Freshwater sediment	68 mg/kg dry weight
Marine sediment	15.75 mg/kg dry weight
Soil	1.66 mg/kg dry weight

Methyl ethyl ketone (78-93-3)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	55.8 mg/l
Marine water	55.8 mg/l
Freshwater sediment	287.74 mg/l
Marine sediment	287.7 mg/l
Soil	22.5 mg/l

8.2. Exposure controls

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection

Face protection shield. Goggles. Eye protection must conform to standard EN 166.

Hand protection

Wear protective gloves. Nitrile rubber. Glove thickness > 0.12 mm. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Gloves must conform to standard EN 374

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Recommended filter type:

Organic gases and vapours filter conforming to EN 14387.

Environmental exposure controls Prevent product from entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Viscous
Colour	Brown
Odour	Characteristic.

Property	Values	Remarks • Method
Melting point / freezing point	-25 °C	None known
Initial boiling point and boiling range	36 °C	
Flammability	No data available	None known

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 10/20



Opgesteld door: IM

Bekrachtigd door: GL

Flammability Limit in Air

Upper flammability or explosive limits 6.5 Vol. %

Lower flammability or explosive limits 0.7 Vol. %

Flash point ≤ 60 °C

Autoignition temperature ~ 310 °C

Decomposition temperature

pH No data available

pH (as aqueous solution) No data available

Kinematic viscosity > 21 mm²/s

Dynamic viscosity 140000 mPa s

None known

None known

hPa @ 50 °C

None known

None known

None known

None known

Not applicable. Insoluble in water.

None known

@ 40°C

Water solubility Insoluble in water.

Solubility(ies) No data available

Partition coefficient No data available

Vapour pressure < 1100

Relative density 0.80 - 0.82

Bulk density No data available

Liquid Density 0.81 g/cm³

Relative vapour density No data available

Particle characteristics

Particle Size No information available

Particle Size No information available

Distribution

9.2. Other information

Solid content (%) No information available

VOC content 80.87 %

9.2.1. Information with regards to physical hazard classes

Not applicable

9.2.2. Other safety characteristics

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended storage conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 11/20



Opgesteld door: IM

Bekrachtigd door: GL

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Exposure to air or moisture over prolonged periods.

10.5. Incompatible materials

Incompatible materials Acids. Bases. Oxidising agent.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Product Information

Inhalation	Based on available data, the classification criteria are not met. Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye damage. (based on components). Corrosive to the eyes and may cause severe damage including blindness.
Skin contact	Prolonged skin contact causes burns. Symptoms may be delayed. Specific test data for the substance or mixture is not available. May cause irritation.
Ingestion	Based on available data, the classification criteria are not met. Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning. May cause blindness. Coughing and/ or wheezing.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVK(E) : 05-1516300
Rev : F
Page : 12/20



Opgesteld door: IM	Bekrachtigd door: GL
--------------------	----------------------

Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	9,865.80 mg/kg
ATEmix (dermal)	>2000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	>5 mg/L
ATEmix (inhalation-vapour)	>20 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C11-C12, isoalkanes <2% aromatics	LD50 >5000mg/Kg (Rattus)	LC50 >5000 mg/Kg (Oryctolagus cuniculus) (OECD 402)	LC50 >5000 mg/m ³ (Rattus) (OECD 403)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	=1219 mg/kg (Rattus)	LD50 >2000 mg/Kg (Rattus)	-
Isopropyl alcohol	>5000 mg/Kg	= 4059 mg/kg (Oryctolagus cuniculus)	=72600 mg/m ³ (Rattus) 4 h
Quaternary ammonium compounds, benzyl-C16-C18 (even numbered)-alkyldimethyl, chlorides	= 350 - 2848 mg/Kg (Rattus) (Read across)	LD50 = 2730 mg/kg (Oryctolagus cuniculus) (Read across)	-
Methyl ethyl ketone	=2483 mg/kg (Rattus)	= 5000 mg/kg (Oryctolagus cuniculus)	=11700 ppm (Rattus) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/eye irritation Causes serious eye damage. Causes burns. Classification based on data available for ingredients.

Isopropyl alcohol (67-63-0)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye			Irritant

Methyl ethyl ketone (78-93-3)					
-------------------------------	--	--	--	--	--

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 13/20



Opgesteld door: IM	Bekrachtigd door: GL
--------------------	----------------------

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405: Acute Eye Irritation/Corrosion	Rabbit	eye			irritant

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.

Component Information		
Isopropyl alcohol (67-63-0)		
Method	Species	Results
OECD Test No. 476: In Vitro Mammalian Cell Gene Mutation Tests using the Hprt and xprt genes	Hamster, in vitro	Not mutagenic

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.

Methyl ethyl ketone (78-93-3)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
Experiences made in practice					May cause drowsiness or dizziness Causes central nervous system depression

STOT - repeated exposure Based on available data, the classification criteria are not met.

Methyl ethyl ketone (78-93-3)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 413: Sub-chronic Inhalation Toxicity: 90-day Study	Rat	Inhalation vapour	1254, 2518, 5041 ppm/6h/d	90 days	NOAEC 5014 ppm

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

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

Safety data sheets Ferney Group BV

Date : 22-06-2026
 VVFK(E) : 05-1516300
 Rev : F
 Page : 14/20



Opgesteld door: IM	Bekrachtigd door: GL
--------------------	----------------------

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor (long-term)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives 85536-14-7	EC50: =36mg/L (72h, Desmodesmus subspicatus)	LC50: =5.6mg/L (96h, Cyprinus carpio)	-	EC50: =5.2mg/L (48h, Daphnia magna)		
Isopropyl alcohol 67-63-0	EC50 72 h > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h > 1400000 µg/L (Lepomis macrochirus)	-	EC50: =13299mg/L (48h, Daphnia magna)		
Quaternary ammonium compounds, benzyl-C16-C18 (even numbered)-alkyldimethyl, chlorides --	-	LC50 (96h) = 0.1 mg/L (Danio rerio) (OECD 203)	-	EC50 (48h) = 0.050 mg/L (Daphnia magna)6341)	10	1
Methyl ethyl ketone 78-93-3	EC50=1972 mg/l (Pseudokirchneriella subcapitata)	LC50: 3130 - 3320mg/L (96h, Pimephales promelas)	EC50 = 3403 mg/L 30 min EC50 = 3426 mg/L 5 min	EC50 48 h > 308 mg/L (Daphnia magna)		

12.2. Persistence and degradability

Persistence and degradability No information available.

Quaternary ammonium compounds, benzyl-C16-C18 (even numbered)-alkyldimethyl, chlorides (--)			
Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D)	28 days	61%	Readily biodegradable

Methyl ethyl ketone (78-93-3)			
Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D)	28 days	biodegradation	98 % Readily biodegradable

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 15/20



Opgesteld door: IM

Bekrachtigd door: GL

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name	Partition coefficient
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	2.2
Isopropyl alcohol	0.05
Methyl ethyl ketone	0.3

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment
Hydrocarbons, C11-C12, isoalkanes <2% aromatics	Not PBT/vPvB
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	Not PBT/vPvB
Isopropyl alcohol	Not PBT/vPvB
Methyl ethyl ketone	Not PBT/vPvB

12.6. Endocrine disrupting properties Endocrine disrupting properties

Endocrine disruption for the environment Based on available data, the classification criteria are not met.

12.7. Other adverse effects Other adverse effects

Other adverse effects No information available.

PMT or vPvM properties Based on available data, the classification criteria are not met.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Should not be released into the environment. Uncured product should be disposed of as hazardous waste. Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.
Contaminated packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Handle contaminated packages in the same way as the product itself.
European Waste Catalogue	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances 15 01 10*: Packaging containing residues of or contaminated by dangerous substances
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVK(E) : 05-1516300
Rev : F
Page : 16/20



Opgesteld door: IM

Bekrachtigd door: GL

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN number or ID number	UN2924
14.2 UN proper shipping name	Flammable liquid, corrosive, n.o.s (Hydrocarbons, C11-C12, isoalkanes <2% aromatics, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives)
14.3 Transport hazard class(es)	3
Labels	3 + 8
14.4 Packing group	III
Description	UN2924, Flammable liquid, corrosive, n.o.s (Hydrocarbons, C11-C12, isoalkanes <2% aromatics, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives), 3 (8), III, (D/E)
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	274
Classification code	FC
Tunnel restriction code	(D/E)
Limited quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	38

IMDG

14.1 UN number or ID number	UN2924
14.2 UN proper shipping name	Flammable liquid, corrosive, n.o.s (Hydrocarbons, C11-C12, isoalkanes <2% aromatics, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives)
14.3 Transport hazard class(es)	3
Subsidiary hazard class	8
14.4 Packing group	III
Description	UN2924, Flammable liquid, corrosive, n.o.s (Hydrocarbons, C11-C12, isoalkanes <2% aromatics, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives), 3 (8), III, (60°C c.c.)
14.5 Marine pollutant	NP
14.6 Special precautions for user	
Special Provisions	223, 274
Limited Quantity (LQ)	5 L
EmS-No.	F-E, S-C
14.7 Maritime transport in bulk according to IMO instruments	
Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID number	UN2924
14.2 UN proper shipping name	Flammable liquid, corrosive, n.o.s (Hydrocarbons, C11-C12, isoalkanes <2% aromatics, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives)
14.3 Transport hazard class(es)	3
Subsidiary hazard class	8
14.4 Packing group	III
Description	UN2924, Flammable liquid, corrosive, n.o.s (Hydrocarbons, C11-C12, isoalkanes <2% aromatics, Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives), 3 (8), III
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	A3, A803
Limited quantity (LQ)	1 L
ERG Code	3C

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 17/20



Opgesteld door: IM

Bekrachtigd door: GL

SECTION 15: Regulatory information

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the marketing and use of explosives precursors

Not applicable

Regulations on drug precursors (EC) No 111/2005 (export) and 273/2004 (internal trade)

This product does not contain any substance(s) which are regulated pursuant to the EU regulations on drug precursors [(EC) No. 111/2005 and (EC) No. 273/2004] above levels that can be easily used or extracted by readily applicable or economically viable means.

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVK(E) : 05-1516300
Rev : F
Page : 18/20



Opgesteld door: IM

Bekrachtigd door: GL

Regulation (EC) No. 648/2004 (Detergents regulation)

Labelling for contents according to regulation (EC) No. 648/2004

aliphatic hydrocarbons	>= 30%
anionic surfactants	5 - < 15%
cationic surfactants	< 5%
Isopropyl alcohol	< 5%

National regulations

France

Occupational illnesses (R-463-3, France)

Chemical name	French RG number
Isopropyl alcohol 67-63-0	RG 84
Methyl ethyl ketone 78-93-3	RG 84

Germany

Ordinance on Industrial Safety and Health - Germany - BetrSichV

No flammable liquids in accordance with BetrSichV

Water hazard class (WGK) obviously hazardous to water (WGK 2)

TRGS - 510 Storage Class Storage Class 3 : Flammable liquids

Netherlands

List of Carcinogenic, mutagenic and reproductive toxin substances in accordance with Inspectorate SZW

(Netherlands)

Not Listed

Denmark

Registration number(s) (P-no.) No information available

Young people under the age of 18 may not professionally use or be exposed to the product. However, young people over the age of 15 are exempt from this rule if the product is included as a necessary part of an education

Norway

Registration number(s) (PRN-no.) No information available

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture.

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Safety data sheets Ferney Group BV

Date : 22-06-2026
 VVFK(E) : 05-1516300
 Rev : F
 Page : 19/20



Opgesteld door: IM	Bekrachtigd door: GL
--------------------	----------------------

Full text of any hazard and/or precautionary statements referred to under Sections 2-15

EUH066 - Repeated exposure may cause skin dryness or cracking

H225 - Highly flammable liquid and vapour

H226 - Flammable liquid and vapour

H302 - Harmful if swallowed

H304 - May be fatal if swallowed and enters airways

H314 - Causes severe skin burns and eye damage

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

H412 - Harmful to aquatic life with long lasting effects

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
AGW	Occupational exposure limit value	BGW	Biological limit value
Ceiling	Maximum limit value	Sk*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Safety data sheets Ferney Group BV

Date : 22-06-2026
VVFK(E) : 05-1516300
Rev : F
Page : 20/20



Opgesteld door: IM

Bekrachtigd door: GL

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

U.S. Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGl(s))

International Uniform Chemical Information Database (IUCLID)

Japan National Institute of Technology and Evaluation (NITE)

NIOSH (National Institute for Occupational Safety and Health)

International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications

International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program

International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set

Prepared By Product Safety & Regulatory Affairs

Revision date 30-Mar-2026

Revision Note SDS sections updated 3, 16

Training Advice When working with hazardous materials, regular training of operators is required by law

Further information No information available

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

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

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.