

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 1/16



Opgesteld door: DB

Bekrachtigd door: GL

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

### 1.1. Product identifier

Productname	<b>Kelfort ® EPDM Spraybond</b>
Article number	1525917
Producttype	Adhesive
Regulation	(EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015

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

Recommended use	Adhesive
Uses advised against	Flexible PVC due to the risk of plasticiser migration

### 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 : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 2/16



Opgesteld door: DB

Bekrachtigd door: GL

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards                      Aerosol 1 - H222, H229  
Health hazards                        Eye Irrit. 2 - H319 STOT SE 3 - H336  
Environmental hazards              Aquatic Chronic 3 - H412

### 2.2. Label elements

Hazard pictograms



Signal word                              Danger

Hazard statements                      H222 Extremely flammable aerosol.  
H229 Pressurised container: may burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 3/16



Opgesteld door: DB

Bekrachtigd door: GL

Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
Supplemental label information	<p>EUH066 Repeated exposure may cause skin dryness or cracking.</p>
Contains	<p>Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane, ACETONE, METHYL ACETATE, TOLUENE</p>
Supplementary precautionary statements	<p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>

### 2.3. Other hazards

Containers should be thoroughly emptied before disposal because of the risk of an explosion. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. In use may form flammable/explosive vapour-air mixture. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. This product does not contain any substances classified as PBT or vPvB. Vapours in high concentrations are narcotic.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

DIMETHYL ETHER			30-60%
CAS number: 115-10-6	EC number: 204-065-8	REACH registration number: 012119472128-37-XXXX	
Classification			
Press. Gas (Liq.) - H280			
			10-30%
Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% nhexane			
CAS number: —	EC number: 926-605-8	REACH registration number: 012119486291-36-0000	

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 4/16



Opgesteld door: DB

Bekrachtigd door: GL

Classification  
Flam. Liq. 2 - H225  
STOT SE 3 - H336  
Asp. Tox. 1 - H304  
Aquatic Chronic 2 - H411

ACETONE 5-10%

CAS number: 67-64-1 EC number: 200-662-2 REACH registration number:  
012119471330-49-XXXX

Classification  
Flam. Liq. 2 - H225  
Eye Irrit. 2 - H319  
STOT SE 3 - H336

METHYL ACETATE 1-5%

CAS number: 79-20-9 EC number: 201-185-2 REACH registration number:  
012119459211-47-XXXX

Classification  
Flam. Liq. 2 - H225  
Eye Irrit. 2 - H319  
STOT SE 3 - H336

TOLUENE 1-5%

CAS number: 108-88-3 EC number: 203-625-9 REACH registration number:  
012119471310-51-XXXX

Classification  
Flam. Liq. 2 - H225  
Skin Irrit. 2 - H315  
Repr. 2 - H361d  
STOT SE 3 - H336  
STOT RE 2 - H373  
Asp. Tox. 1 - H304

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Get medical attention. Show this Safety Data Sheet to the medical personnel.
Ingestion	Rinse mouth thoroughly with water. Get medical attention.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 5/16



Opgesteld door: DB

Bekrachtigd door: GL

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation Coughing, chest tightness, feeling of chest pressure. Exposure may cause coughing or wheezing. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

Ingestion Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact Causes serious eye irritation. Profuse watering of the eyes.

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

Notes for the doctor Show this safety data sheet to the doctor in attendance.

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

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

Specific hazards Vapours are heavier than air and may travel along the floor and accumulate in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember. If exposed to excessive heat the containers safety disc will burst releasing the contents in a controlled manner May form explosive or toxic mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 5.3. Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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

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

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not breathe vapour. Avoid contact with eyes and prolonged skin contact.

#### 6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

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

Methods for cleaning up PERSONAL PROTECTION. Provide adequate ventilation. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not use equipment in clean up procedure which may produce sparks. Absorb in vermiculite, dry sand or earth and place into containers. No smoking, sparks, flames or other sources of ignition near spillage.

#### 6.4. Reference to other sections

Reference to other sections For personal protection. see Section 8. For waste disposal. see section 13.

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 6/16



Opgesteld door: DB

Bekrachtigd door: GL

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Provide adequate ventilation. Avoid inhalation of vapours. For personal protection, see Section 8.

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

Storage precautions Keep away from heat, sparks and open flame. Store in a cool and well-ventilated place.

Storage class Flammable compressed gas storage.

### 7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description Solvent based adhesive.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters Occupational exposure limits

#### DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

#### ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

#### METHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 200 ppm 616 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 770 mg/m<sup>3</sup>

#### TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m<sup>3</sup>(Sk) Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 384 mg/m<sup>3</sup>(Sk) WEL = Workplace Exposure Limit.

#### DIMETHYL ETHER (CAS: 115-10-6)

PNEC - Fresh water; 0,155 mg/l  
- Intermittent release, Water; 1,549 mg/l  
- Water; 160 mg/l  
- marine water; 0,016 mg/l  
- Sediment (Freshwater); 0,681 mg/l  
- Sediment (Marinewater); 0,069 mg/l  
- Soil; 0,045 mg/l

#### ACETONE (CAS: 67-64-1)

DNEL Consumer - Oral; Long term : 62 mg/kg/day  
Consumer - Dermal; Long term : 62 mg/kg/day  
Industry - Dermal; Long term : 186 mg/kg/day  
Consumer - Inhalation; Long term : 200 mg/m<sup>3</sup>  
Industry - Inhalation; Short term : 2420 mg/m<sup>3</sup>  
Industry - Inhalation; Long term : 1210



# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 7/16



Opgesteld door: DB

Bekrachtigd door: GL

PNEC

- Fresh water; 10.6 mg/l
- marine water; 1.06 mg/l
- Intermittent release; 21 mg/l
- Soil; 29.5 mg/l
- Sediment (Marinewater); 3.04 mg/kg
- Sediment (Freshwater); 30.4 mg/kg

## TOLUENE (CAS: 108-88-3)

DNEL

Consumer - Oral; Long term systemic effects: 8.13 mg/kg/day  
Workers - Dermal; Long term systemic effects: 384 mg/kg/day  
Consumer - Inhalation; Short term local effects: 226 mg/m<sup>3</sup>  
Consumer - Inhalation; Short term systemic effects: 226 mg/m<sup>3</sup>  
Workers - Inhalation; Short term systemic effects: 384 mg/m<sup>3</sup>  
Workers - Inhalation; Short term local effects: 384 mg/m<sup>3</sup>  
Workers - Inhalation; Long term local effects: 192 mg/m<sup>3</sup>  
Consumer - Inhalation; Long term systemic effects: 56.5 mg/m<sup>3</sup>  
Workers - Inhalation; Long term systemic effects: 192 mg/m<sup>3</sup>

PNEC

- Fresh water; 0.68 mg/l
- Sediment (Freshwater); 16.39 mg/kg
- STP; 13.61 mg/l- Soil; 2.89 mg/kg
- Sediment (Marinewater); 16.39 mg/kg
- marine water; 0.68 mg/l

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Ensure that the direction of airflow is clearly away from the worker. Use approved respirator if air contamination is above an acceptable level. Observe any occupational exposure limits for the product or ingredients. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof electrical, ventilating and lighting equipment. Ensure operatives are trained to minimise exposure.

### Personal protection

Wear protective work clothing.

### Eye/face protection

Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

### Hand protection

To protect hands from chemicals, gloves should comply with European Standard EN374. (PE/PA/PE), 2.5mil (0.06mm), >480 min. Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

### Other skin and body protection

Provide eyewash station. Avoid contact with skin. Wear suitable coveralls to prevent exposure to the skin.

### Hygiene measures

Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin. Wash at the end of each work shift and before eating, smoking and using the toilet.

### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly ventilated spaces, a supplied-air respirator must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.  
Short term Gas filter, type AX.

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 8/16



Opgesteld door: DB

Bekrachtigd door: GL

Thermal hazards Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

Environmental exposure controls Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## SECTION 9: Physical and chemical properties

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

Appearance	Aerosol.
Colour	Green.
Odour	Hydrocarbons.
Odour threshold	Data lacking.
pH	pH (concentrated solution): 7
Melting point	Data lacking.
Initial boiling point and range	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane: 75-90°C @ 760 mm Hg Acetone: 365-465°C @ 760 mm Hg
Flash point	A flash point method is not available for aerosols, but the major hazardous component, the propellant (Dimethyl ether) has a flash point of <-41°C with flammability limits of 3.3% vol. upper and 26.2% vol. lower.
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	No specific test data are available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No specific test data are available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Liquid base: 0.84 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Insoluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	No information available.
Decomposition Temperature	Not available.
Viscosity	Liquid base: 300-600 cP @ 20°C
Explosive properties	In use may form flammable/explosive vapour-air mixture.
Explosive under the influence of a flame	Yes
Oxidising properties	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

Volatile organic compound This product contains a maximum VOC content of 615 g/l.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity



# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 9/16



Opgesteld door: DB

Bekrachtigd door: GL

Reactivity Stable under recommended transport or storage conditions.

## 10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

## 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No known hazardous reactions if stored under normal conditions. Will not polymerise.

## 10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

## 10.5. Incompatible materials

Materials to avoid Strong acids. Strong oxidising agents.

## 10.6. Hazardous decomposition products

Hazardous decomposition In combustion emits toxic fumes products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

### Serious eye damage/irritation

Serious eye damage/irritation Irritation of eyes is assumed.

### Carcinogenicity

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

### Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Inhalation May cause allergy or asthma symptoms or breathing difficulties if inhaled. High concentrations may be fatal. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause soreness and redness of mouth and throat.

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards Anaesthetic in high concentrations. Concentrating and inhaling the gas/spray can lead to abnormal heart rhythms and possibly death.

Route of exposure Inhalation

Target organs Respiratory system, lungs Brain Central nervous system Heart & cardiovascular system

### Toxicological information on ingredients.

#### DIMETHYL ETHER

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Not applicable.

Acute toxicity - dermal

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 10/16



Opgesteld door: DB

Bekrachtigd door: GL

Notes (dermal LD<sub>50</sub>) Not applicable.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) 164000 ppm, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Genotoxicity - in vivo Based on available data the classification criteria are not met.

Carcinogenicity

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

Reproductive toxicity

Reproductive toxicity - fertility This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - repeated exposure

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

Skin contact Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

Medical symptoms Symptoms following overexposure may include the following: Arrhythmia (deviation from normal heart beat).

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

General information The product irritates mucous membranes and may cause abdominal discomfort if swallowed.

ACETONE

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 11/16



Opgesteld door: DB

Bekrachtigd door: GL

Toxicological effects The toxicity of this substance has been assessed during REACH registration.

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.0 mg/kg)

Species Rabbit

#### Skin sensitisation

Skin sensitisation Epidemiological studies have shown no evidence of skin sensitisation.

Skin contact Irritating to skin.

Eye contact Irritating to eyes.

### METHYL ACETATE

#### Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> 3705 mg/kg, Oral, Rabbit

#### Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

#### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

### TOLUENE

Toxicological effects The toxicity of this substance has been assessed during REACH registration.  
This product is very toxic.

#### Acute toxicity - oral

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Oral, Rat

#### Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) LD<sub>50</sub> >5000 mg/kg, Dermal, Rabbit

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> gases ppmV) 20.0

Notes (inhalation LC<sub>50</sub>) >20 mg/l, Inhalation, Rat

#### Skin corrosion/irritation

Skin corrosion/irritation Skin irritation.

#### Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

#### Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

#### Carcinogenicity

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 12/16



Opgesteld door: DB

Bekrachtigd door: GL

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

#### Reproductive toxicity

Reproductive toxicity Suspected of damaging the unborn child.  
development

#### Specific target organ toxicity - single exposure

STOT - single exposure May cause drowsiness or dizziness.

#### Specific target organ toxicity - repeated exposure

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

#### Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### Ecological information on ingredients.

##### Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Ecotoxicity Toxic to aquatic life with long lasting effects.

#### 12.1. Toxicity

Toxicity Harmful to aquatic life with long lasting effects.

#### Ecological information on ingredients.

##### DIMETHYL ETHER

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: >4000 mg/l, Poecilia reticulata (Guppy)

Acute toxicity - aquatic EC<sub>50</sub>, 48 hours: >4000 mg/l, Daphnia magna  
invertebrates LC<sub>50</sub>, 48 hours: 755,549 mg/l, Daphnia magna

##### Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 96 hours: 9.776 mg/l, Freshwater fish

Acute toxicity - aquatic EL50, 48 hours: 3.0 mg/l, Daphnia magna  
invertebrates

Acute toxicity NOEL, 48 hours: 8.483 mg/l, Tetrahymena pyriformis.  
microorganisms

##### ACETONE

#### Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: >100 mg/l, Fish

Acute toxicity - aquatic EC<sub>50</sub>, 48 hours: 12600 mg/l, Daphnia magna  
invertebrates EC<sub>50</sub>, 48 hours: 8300 mg/l, Daphnia magna

Acute toxicity - aquatic IC<sub>50</sub>, 72 hours: >100 mg/l, Algae  
plants

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 13/16



Opgesteld door: DB

Bekrachtigd door: GL

## Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 28 days: >10<100 mg/l, Freshwater invertebrates

## TOLUENE

### Acute aquatic toxicity

Acute toxicity - fish LC50, 96 hours: 13 mg/l, Carassius auratus (Goldfish)  
NOEC, 192 hours: >1<10 mg/l,  
LC50, 96 hours: >1<10 mg/l, Fish

Acute toxicity - aquatic invertebrates EC50, 48 hours: 11.5 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC50, 72 hours: 12 mg/l, Selenastrum capricornutum  
IC50, 72 hours: >100 mg/l, Algae

## 12.2. Persistence and degradability

Persistence and degradability Biodegradable in part only.

### Ecological information on ingredients.

#### DIMETHYL ETHER

Persistence and degradability Not readily biodegradable.

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Persistence and degradability The product is biodegradable.

#### ACETONE

Persistence and degradability The product is readily biodegradable.

#### TOLUENE

Persistence and degradability The product is readily biodegradable. degradability

Biological oxygen demand 1.23 g O<sub>2</sub>/g substance

## 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

### Ecological information on ingredients.

#### DIMETHYL ETHER

Bioaccumulative potential No data available on bioaccumulation.

#### TOLUENE

Bioaccumulative potential The product is not bioaccumulating.

## 12.4. Mobility in soil

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.



# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 14/16



Opgesteld door: DB

Bekrachtigd door: GL

## Ecological information on ingredients.

### DIMETHYL ETHER

Mobility Koc: 7,759

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### TOLUENE

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

## 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

## Ecological information on ingredients.

### DIMETHYL ETHER

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

Hydrocarbons C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

### ACETONE

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

### TOLUENE

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

## 12.6. Other adverse effects

Other adverse effects Not available.

## Ecological information on ingredients.

### TOLUENE

Other adverse effects Do not discharge into drains or watercourses or onto the ground.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### General information

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### Disposal methods

Dispose of contents/container in accordance with local regulations.

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 15/16



Opgesteld door: DB

Bekrachtigd door: GL

Waste class Full or Partially Empty Aerosol: 16 05 04, Empty Aerosol: 15 01 10 (Containing hazardous residues), Empty Aerosol: 15 01 04 (No hazardous residues).

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID) 1950  
UN No. (IMDG) 1950  
UN No. (ICAO) 1950  
UN No. (ADN) 1950

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS  
Proper shipping name (IMDG) AEROSOLS  
Proper shipping name (ICAO) AEROSOLS  
Proper shipping name (ADN) AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class 2.1  
ADR/RID classification code 5F  
ADR/RID label 2.1  
IMDG class 2.1  
ICAO class/division 2.1  
ADN class 2.1

### Transport labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

### 14.6. Special precautions for user

IMDG Code segregation SG69, SW1, SW22 group  
EmS F-D, S-U  
ADR transport category 2  
Tunnel restriction code (D)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

# Safety data sheets Ferney Group BV

Date : 14-08-2024  
VVFK(E) : 20/1525917  
Rev : A  
Page : 16/16



Opgesteld door: DB

Bekrachtigd door: GL

## SECTION 15: Regulatory information

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

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). Health and Safety at Work etc. Act 1974 (as amended). The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Authorisations (Annex XIV Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Annex XVII Regulation 1907/2006)	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Classification procedures according to Regulation (EC) 1272/2008	Aerosol 1 - H222, H229: Weight of evidence. Eye Irrit. 2 - H319, STOT SE 3 - H336, Aquatic Chronic 3 - H412: Calculation method.
Issued by	Technical Department
Revision date	30/10/2019
Revision	1
SDS number	22522
Hazard statements in full	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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.