

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 1/22



Opgesteld door: NB

Bekrachtigd door: SL

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

1.1. Product identifier

Productname	Kelfort ® Primer
Article number	1516061-066
Producttype	Mixture
Regulation	(EC) No. 1907/2006 and (EC) No. 1272/2008

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

Recommended use	Consumer use, Professional use, Industrial use
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 : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 2/22



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 [CLP]

Flammable liquids, Category 3 H226
Specific target organ toxicity – Single exposure, Category 3, Narcosis H336
Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. EUH211
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Contains

: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements (CLP)

: H226 - Flammable liquid and vapour.
H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.
P210 - Keep away from heat, sparks, open flames, hot surfaces. – No smoking.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye protection.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
[Spray application; P261 - Avoid breathing spray.]

EUH-statements

: EUH066 - Repeated exposure may cause skin dryness or cracking.
EUH210 - Safety data sheet available on request.
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Child-resistant fastening

: Not applicable

Tactile warning

: Not applicable

2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 3/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium carbonate substance with national workplace exposure limit(s) (FR, HR, LV, PL, CH)	CAS-No.: 471-34-1 EC-No.: 207-439-9 REACH-no: 01-2119486795-18	10 – 25	Not classified
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics substance with national workplace exposure limit(s) (CZ, DE, DK, ES, FI, FR, GB, IT, NL, PL, SE, NO); substance with a Community workplace exposure limit (Note P)	CAS-No.: 64742-48-9 EC-No.: 919-857-5 EC Index-No.: 649-327-00-6 REACH-no: 01-2119463258-33	10 - 25	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304 EUH066
Talc substance with national workplace exposure limit(s) (AT, BE, BG, DE, DK, ES, FI, FR, GB, GR, HR, HU, IE, IT, LT, LU, NL, PL, PT, RO, SE, SI, SK, IS, NO, MK, CH)	CAS-No.: 14807-96-6 EC-No.: 238-877-9	≤ 12	Not classified

Comments

: This mixture contains ≥ 1% titanium dioxide (CAS 13463-67-7). The Annex VI classification of Titanium dioxide does not apply to this mixture according to its Note 10
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Note P:

Note P : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262- P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

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

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 4/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
First-aid measures after skin contact	: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners. If skin irritation or rash occurs: Get medical advice/attention. Thoroughly clean shoes before re-using.
First-aid measures after eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
First-aid measures after ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

Symptoms/effects after inhalation	: Unwanted symptoms may include the following: irritation of the respiratory tract coughing nausea or vomiting headache drowsiness/fatigue dizziness/twistiness unconsciousness.
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking. Irritation. Redness.
Symptoms/effects after eye contact	: No specific data.
Symptoms/effects after ingestion	: No specific data.

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

Treat symptomatically. Immediate specific treatment is necessary in case of poisoning.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 5/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical, CO₂, alcohol-resistant foam or waterspray. dry sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Hazardous decomposition products in case of fire : Carbon dioxide (CO₂). Carbon monoxide. halogenated hydrocarbons. Metallic oxides.

5.3. Advice for firefighters

Precautionary measures fire : Cool closed containers exposed to fire with water.

Firefighting instructions : Local evacuation is necessary (for people in close proximity to the spillage area). Fight fire from safe distance and protected location. Eliminate all ignition sources if safe to do so. Use water spray to cool exposed surfaces.

Protection during firefighting : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Other information : Dyke fire control water for later disposal and do not scatter the material. Prevent fire fighting water from entering the environment.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 6/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. . Eliminate ignition sources. No naked flames, sparks, and do not smoke.
- Emergency procedures : No smoking. Avoid ignition sources. Ventilate area. Do not breathe vapours.

6.1.2. For emergency responders

- Protective equipment : Equip rescue crew with proper protection.
- Emergency procedures : No smoking. Avoid ignition sources. Ventilate area. Do not breathe vapours.

6.2. Environmental precautions

Prevent soil and water pollution. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Pollutant to the aquatic environment. May cause long lasting harmful effects to aquatic life. Collect spillage.

6.3. Methods and material for containment and cleaning up

- For containment : Stop leak without risks if possible. Use only non-sparking tools.
- Methods for cleaning up : Clean up the material with a non-sparking tool, dry earth or sand; mop up or sweep up remaining liquid. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).
- Other information : Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 7/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Due to the organic solvents' content of the preparation: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.
- Precautions for safe handling : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Hygiene measures : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Use appropriate container to avoid environmental contamination.
- Storage conditions : Observe the label precautions. Store in accordance with local regulations. Keep container tightly closed and dry. Keep away from ignition sources. Store locked up.
- Storage temperature : 5 - 30 °C Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight
- Heat and ignition sources : Keep away from heat and direct sunlight.
- Information on mixed storage : Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
- Storage area : Prevent unauthorised access.
- Special rules on packaging : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.

7.3. Specific end use(s)

No additional information available

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 8/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

EU - Indicative Occupational Exposure Limit (IOEL)

IOEL TWA	116 mg/m ³
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IOEL STEL	290 mg/m ³
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United Kingdom - Occupational Exposure Limits

WEL TWA (OEL TWA)	1200 mg/m ³ Source: supplier
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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

	197 ppm Source: supplier
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Talc (14807-96-6)

United Kingdom - Occupational Exposure Limits

Local name	Talc
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WEL TWA (OEL TWA)	1 mg/m ³ respirable dust
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WEL STEL (OEL STEL)	3 mg/m ³
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Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
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8.1.2. Recommended monitoring procedures

Monitoring methods

Monitoring methods	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
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8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 9/22



Opgesteld door: NB

Bekrachtigd door: SL

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Use explosion-proof equipment. Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

8.2.2. Personal protection equipment

Personal protective equipment:

In case of splash hazard: safety glasses. Gloves. In case of inadequate ventilation wear respiratory protection. Protective clothing.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. . Protective goggles (EN 166)

8.2.2.2. Skin protection

Skin and body protection:

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Every part of the skin which had contact with the product should have been washed thoroughly. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods. Recommended: Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.

Hand protection:

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. For prolonged contact, use rubber or neoprene gloves. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. > 8 hours (breakthrough time): polyethylene (PE), polyvinyl alcohol (PVA), Viton® (0.65mm) nitrile rubber (0.5mm)

The recommendation for the type or types of glove to use when handling this product is based on information from the following source: EN374. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 10/22



Opgesteld door: NB

Bekrachtigd door: SL

Other skin protection

Materials for protective clothing:

Appropriate footwear and any additional skin protection measures must be selected on the basis of the task being performed and the risks involved, and must be approved by an expert before using this product.

8.2.2.3. Respiratory protection

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: organic vapour (Type A) and particulate filter (EN 140) .

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Emissions from ventilation or processing equipment must be monitored to ensure they meet the requirements of environmental protection legislation. In some cases, scrubbers, filters or technical modifications of the process equipment are necessary to reduce the emissions to an acceptable level.

Consumer exposure controls:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Black. Grey. white.
Odour	: Characteristic. (Solvents).
Odour threshold	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 154 – 193 °C ASTM D-86; information Solvent supplier

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 11/22



Opgesteld door: NB

Bekrachtigd door: SL

Flammability	: Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge, heat and shock and mechanical impact. Vapour may travel a considerable distance to source of ignition and flash back, In use may form flammable/explosive vapour-air mixture, On exposure to high temperature, may decompose, releasing toxic/flammable vapours
Explosive properties	: No dangerous reactions known.
Oxidising properties	: No data available.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 41 °C Setaflash closed test, °C (ASTM D 3828)
Auto-ignition temperature	: No data available
Decomposition temperature	: When exposed to heat, may decompose liberating hazardous gases
pH	: Not applicable. Product is non-soluble (in water).
pH solution	: Product is non-soluble (in water).
Viscosity, kinematic	: 571 mm ² /s (Calculated value)
Viscosity, dynamic	: 8 – 8,4 P [ICI Rotothinner, 20 °C]
Solubility	: Water: Negligible.
Partition coefficient n-octanol/water (Log Kow)	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Vapour pressure	: 0,2 kPa [@ 20°C; information Solvent supplier]
Vapour pressure at 50°C	: Not available
Density	: ≈ 1,40 g/cm ³ Calculated value (ISO 2811-1:2016)
Relative density	: Calculated value (ISO 2811-1:2016)
Relative vapour density at 20°C	: (lucht = 1): > 5 [101 kPa, calculated, information Solvent supplier]
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosion limits : 0,7 – 6 vol %

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : No data available

Relative evaporation rate (ether=1) : No data available

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 12/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

10.4. Conditions to avoid

Avoid all possible ignition sources (spark or flame). Do not pressurize, cut, weld, harden, solder, drill, abrade, or expose containers to sources of heat or ignition. Do not allow vapor to accumulate in low or enclosed areas.

10.5. Incompatible materials

Strong bases. Strong oxidizers. Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Combustion generates: Toxic gases. Carbon oxides (CO, CO₂). fume.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 13/22



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 (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	≤ mg/l
LC50 Inhalation - Rat (Vapours)	> 5 mg/l/4h

Calcium carbonate (471-34-1)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
LC50 Inhalation - Rat	> 3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)

Skin corrosion/irritation : Not classified
pH: Not applicable. Product is non-soluble (in water).
Serious eye damage/irritation : Not classified
pH: Not applicable. Product is non-soluble (in water).
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified
STOT-single exposure : May cause drowsiness or dizziness.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 14/22



Opgesteld door: NB

Bekrachtigd door: SL

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Calcium carbonate (471-34-1)

NOAEL (oral, rat, 90 days) : 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

NOAEC (inhalation, rat, dust/mist/fume, 90 days) : $\geq 0,212$ mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

Aspiration hazard : Not classified

Kelfort Primer

Viscosity, kinematic : 571 mm²/s (Calculated value)

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

Viscosity, kinematic : 1,33 mm²/s Temp.: 20°C

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms

: Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 15/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The mixture has been assessed following the conventional method of the Regulation (EC) No. 1272/2008 [CLP] and is not classified as dangerous for the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	1000 mg/l [48 h.]
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 1000 mg/l
EC50 72h - Algae [1]	> 1000 mg/l
ErC50 algae	> 1000 mg/l pseudokirchneriella subcapitata, 72 h.
NOEC chronic crustacea	21 days, Daphnia magna

Calcium carbonate (471-34-1)

EC50 72h - Algae [1]	> 14 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
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12.2. Persistence and degradability

Kelfort Primer

Persistence and degradability	There are no data available on the preparation itself.
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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

Persistence and degradability	Rapidly degradable
Biodegradation	> 60 % 28 days, OECD 301B, EOCD 301F

Talc (14807-96-6)

Persistence and degradability	Rapidly degradable
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Calcium carbonate (471-34-1)

Persistence and degradability	Rapidly degradable
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Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 16/22



Opgesteld door: NB

Bekrachtigd door: SL

12.3. Bioaccumulative potential

Kelfort Primer

Partition coefficient n-octanol/water (Log Pow)	No data available
Partition coefficient n-octanol/water (Log Kow)	No data available
Bioaccumulative potential	There are no data available on the preparation itself.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

Partition coefficient n-octanol/water (Log Pow)	> 4
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12.4. Mobility in soil

Kelfort Primer

Ecology - soil	There are no data available on the preparation itself.
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12.5. Results of PBT and vPvB assessment

Kelfort Primer

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Do not allow to enter drains or water courses. May pollute drinking water.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 17/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional waste regulation : Do not allow to enter drains or water courses.
- Waste treatment methods : The generation of waste should always be avoided or kept to a minimum wherever possible. Disposal of this product, solutions and any by-products should always be in accordance with the applicable environmental protection and waste disposal legislation and any other regional or local regulations. Have surplus and non-recyclable products disposed of by a licensed disposal company. Do not dispose of untreated waste through the sewer unless in full compliance with the requirements of the competent authorities.
- Product/Packaging disposal recommendations : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- European List of Waste (LoW, EC 2000/532) : 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances
08 01 12 - waste paint and varnish other than those mentioned in 08 01 11
08 01 15* - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
15 01 04 - metallic packaging
15 01 06 - mixed packaging
- HP Code : HP3 - "Flammable:"
– flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
– flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
– flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
– flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
– water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
– other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
HP7 - "Carcinogenic:" waste which induces cancer or increases its incidence

Safety data sheets Ferney Group BV

Date : 16-07-2024
 VVFK(E) : 19/1516061-066
 Rev : D
 Page : 18/22



Opgesteld door: NB	Bekrachtigd door: SL
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SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 1263	UN 1263	UN 1263	UN 1263	UN 1263
14.2. UN proper shipping name				
PAINT	PAINT	Paint	PAINT	PAINT
Transport document description				
UN 1263 PAINT, 3, III, (D/E)	UN 1263 PAINT, 3, III (41°C c.c.)	UN 1263 Paint, 3, III	UN 1263 PAINT, 3, III	UN 1263 PAINT, 3, III
14.3. Transport hazard class(es)				
3	3	3	3	3
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

- Special transport precautions : Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
- Overland transport**
- Transport regulations (ADR) : This preparation requires, in a package <450 liter, the conditions from Annex A of the ADR under 2.2.3.1.5, and is therefore not subject to the rules of the ADR.
- Classification code (ADR) : F1
- Special provisions (ADR) : 163, 640E, 650
- Limited quantities (ADR) : 5I
- Excepted quantities (ADR) : E1

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 19/22



Opgesteld door: NB

Bekrachtigd door: SL

Packing instructions (ADR) : P001, IBC03, LP01, R001
Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T2
Portable tank and bulk container special provisions (ADR) : TP1, TP29
Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2
Hazard identification number (Kemler No.) : 30
Orange plates :

30
1263

Tunnel restriction code (ADR) : D/E
EAC code : •3YE

Transport by sea

Special provisions (IMDG) : 163, 223, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T2
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Stowage category (IMDG) : A
Flash point (IMDG) : 41°C c.c.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 20/22



Opgesteld door: NB

Bekrachtigd door: SL

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3, A72
ERG code (IATA) : 3L

Inland waterway transport

Classification code (ADN) : F1
Special provisions (ADN) : 163, 64E, 65
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : F1
Special provisions (RID) : 163, 640E, 650
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T2
Portable tank and bulk container special provisions (RID) : TP1, TP29
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE4
Hazard identification number (RID) : 30

14.7. Maritime transport in bulk according to IMO instruments

IBC code : Not determined.
Ship type : Not determined.
Pollution category : Not determined.

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 21/22



Opgesteld door: NB

Bekrachtigd door: SL

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

VOC Directive (2004/42)

Decopaint Directive (2004/42/EC) - Annex II : A/d (Paints and Varnishes - Interior/exterior trim and cladding paints for wood and metal)
Maximum Allowable Concentration : 300 g/l VOC
Maximum content of VOC : 300,00 g/l VOC

Seveso Directive (Disaster Risk Reduction)

Seveso III Part I (Categories of dangerous substances)	Qualifying quantity (tonnes)	
	Lower-tier	Upper-tier
P5c FLAMMABLE LIQUIDS Flammable liquids, Categories 2 or 3 not covered by P5a and P5b	5000	50000

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

Safety data sheets Ferney Group BV

Date : 16-07-2024
VVFK(E) : 19/1516061-066
Rev : D
Page : 22/22



Opgesteld door: NB

Bekrachtigd door: SL

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Indication of changes

Section	Changed item	Change	Comments
8	Control parameters	Modified	
9	Physical and chemical properties	Modified	

Full text of H- and EUH-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 3	H226	On basis of test data
STOT SE 3	H336	Calculation method
EUH211	EUH211	Calculation method

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.