COLEMAN FUEL

Safety data sheet

in accordance with Regulation (EC) no. 1907/2006 (REACH) as modified by Regulation (EU) 2015/830

Issuance date: 20/12/2018 Revision date: 20/12/2018 Replaces sheet: 11/04/2016 Version 3.0

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

1.1 Product identifier

Product form	: Mixture
Trade name	: COLEMAN FUEL
Product code	: 1020780
Product group	: Commercial product

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

1.2.1 Relevant identified uses

Intended for the general public

Use of the substance/mixture : combustible material

1.2.2 Uses advised against

No additional information available

1.3 Details of supplier of the safety data sheet

APPLICATION DES GAZ/CAMPINGAZ
219, Route de Brignais
69563 ST GENIS LAVAL
France
T +33 (0) 4 78 86 88 94 – F +33 (0) 4 78 86 88 84
info@coleman.eu / infobln@coleman.com – www.campingaz.com

1.4 Emergency telephone number

Country	Organisation/company	Address	Emergency telephone number	Comment
France	ORFILA (INRS) – 24 hrs		+33 (0) 1 45 42 59 59	

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification pursuant to Regulation (EC) no. 1272/2008 [CLP]

Flammable liquids, category 2	H225
Skin corrosion/irritation, category 2	H315
Specific target organ toxicity – single exposure, category 3	H336
Aspiration hazard, category 1	
Hazardous to the aquatic environment, chronic toxicity, category 2	H304
Full text of H codes: see section 16	H411

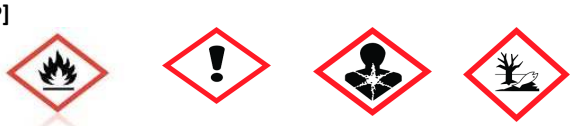
Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. May cause drowsiness or dizziness. Causes skin irritation. May be fatal if swallowed and enters airways. Toxic to aquatic life with long-lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) number 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02 GHS07 GHS08 GHS09

Signal word (CLP) : Danger

Hazardous components : pentane; heptane; n-heptane; naphtha (petroleum), hydrotreated light <0.1% benzene weight by weight (n o EINECS 200-753-7).

Hazard statements (CLP)	: H225 - Highly flammable liquid and vapour. H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H336 - May cause drowsiness or dizziness. H411- Toxic to aquatic life with long-lasting effects.
Precautionary statements (CLP)	: P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and any other ignition source. Do not smoke. P261 - Avoid breathing papers. P271 - Use only outdoors or in a well-ventilated area. P301 + P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. P331 - DO NOT induce vomiting. P501 - Dispose of contents/container to a licensed hazardous-waste disposal contract or collection site.
EUH phrases	: EUH066 - Repeated exposure may cause skin dryness or cracking.
Child-resistant fastening	: Applicable
Tactile warnings of danger	: Applicable

2.3 Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Name	Product identifier	%	Classification according to Regulation (EEC) no. 1272/2008 [CLP]
Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20° C to 190° C (-4°F to 374°F).] (Note P) applied	(CAS no.) 64742-49-0 (EC no.) 265-151-9 (Index no.) 649-328-00-1 (REACH no.) 01-2119475133-43	50-75	Flam. Liq. 2, H225 Muta. Not classified Carc. Not classified Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Pentane (Note C)	(CAS no.) 109-66-0 (EC no.) 203-692-4 (Index no.) 601-006-00-1 (REACH no.) 01-2119459286-30	25-50	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066
Heptane; n-heptane (Note C)	(CAS no.) 142-82-5 (EC no.) 205-563-8 (Index no.) 601-008-00-2 (REACH no.) 01-2119457603-38	10-25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

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.. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures general	: Symptoms of poisoning may not occur for hours. Call a doctor immediately. When consulting a doctor, always keep packaging or label.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Respiratory problems: consult a doctor/medical service. If breathing stops, apply artificial respiration.

First-aid measures after skin contact	: If symptoms develop: immediately rinse with plenty of water. Do not remove clothing if stuck to skin. Rinse skin with water/take a shower. Immediately remove all contaminated clothing. In the event of skin irritation: consult a doctor.
First-aid measures after eye contact	: If eye irritation persists, consult an eye specialist. Immediately rinse with water for a prolonged period (at least 15 minutes) while holding the eyelids wide open. Remove contact lenses if the victim wears them and they can be removed easily. Continue to rinse. Rinse eyes with water as a precautionary measure.
First-aid measures after ingestion	: Rinse mouth. Remove victim to fresh air and ventilate the suspect area. Do not induce vomiting. Call a doctor immediately

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after ingestion	: Risk of lung oedema.

4.3 Indication of any immediate medical attention special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2 Special hazards arising from the substance or mixture

Fire hazard	: Highly flammable liquid and vapour.
Hazardous decomposition products in the event of fire	: Toxic fumes may be released.

5.3 Advice for firefighters

Precautionary measures fire	: Evacuate the area.
Firefighting instructions	: Cool closed containers exposed with water spray or mist. Remove ignition sources if this can be done safely.
Protection during the firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures	Remove ignition sources. Remove unnecessary personnel. Evacuate the area.
6.1.1 For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. Remove unnecessary personnel. Evacuate the area. No open flames, no sparks, no smoking. Avoid inhaling vapour. Avoid contact with skin and eyes
6.1.2 For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: “Exposure controls/personal protection”.
Emergency procedures	: Contain the spill if safe to do so. Mechanically ventilate spillage area whilst avoiding the formation of explosive concentrations. Prevent formation of electrostatic charges.

6.2 Environmental precautions

Prevent liquid from entering drains, watercourses, groundwater or bedrock. Alert the authorities if the liquid enters drains or public watercourses. Keep recovered product for subsequent disposal.

6.3 Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Alert the authorities if liquid enters drains or public watercourses.
Other information	: Dispose of materials or solid residues at an authorised site.

6.4 Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Do not use tools that produce sparks. Take precautionary measures against electrostatic discharge. Flammable vapour may build up in the container. Use a flame-proof device. Wear personal protection equipment. Use outside or in a well-ventilated area only. Avoid inhaling vapour. Avoid contact with skin and eyes. Do not switch mobile telephones on. Assess possible risks of explosive atmosphere and the need for anti-explosion equipment (ATEX).
Hygiene measures	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	Keep away from open flames, hot surfaces and ignition sources. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep under lock and key.
Storage temperature	: <40°C

7.3 Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Pentane (109-66-0)		
France	Local name	n-Pentane
France	VME (mg/m³)	3000 mg/m³
France	VME (ppm)	1000 ppm

Heptane; n-heptane (142-82-5)		
EU	Local name	n-heptane
EU	IOELV TWA (mg/m³)	2085 mg/m³
EU	IOELV TWA (ppm)	500 ppm
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EEC
France	Local name	n-heptane
France	VME (mg/m³)	1668 mg/m³
France	VME (ppm)	400 ppm
France	VLE(mg/m³)	2085 mg/m³
France	VLE (ppm)	500 ppm
France	Note (FR)	Binding regulatory values
France	Regulatory reference	Article R4412-149 of the Employment Code (ref: INRS ED 984, 2016)

8.2 Exposure controls

Appropriate engineering controls:
Ensure good ventilation of the workstation.
Personal protective equipment:
High concentration of gas/vapour: gas mask. Face shield. Insulating gloves.

Protective clothing - selection of equipment:
Antistatic flame-retardant protective equipment
Hand protection:
Wear suitable gloves complying with EN374. Breakthrough time to be determined by the manufacturer of the gloves. The choice of a suitable glove depends not only on the material, but also on other quality characteristics and may differ from one manufacturer to another
Eye protection:
Face shield. Use eye protection designed to protect against splashes in accordance with EN166.

Skin and body protection:
Wear antistatic clothing and shoes. The floor should be earthed.

Personal protective equipment symbols:

Environmental exposure controls:
Avoid release to the environment.
Other information:
Keep away from food and drink, including animal feedstuffs. Remove contaminated clothing and wash before reuse. Avoid contact with skin and eyes. Do not eat, drink or smoke while using this product. Observe the security notices. Emergency eyewash and shower facilities must be provided in the proximity of any areas where there is a risk of exposure.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Fluid
Molecular mass	: 91.7 g/mol
Colour	: Colourless
Odour	: Characteristic
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate = 1)	: No data available
Melting point	: n/a
Freezing point	: No data available
Boiling point	: 69°C
Flashpoint	: -15°C
Auto-ignition temperature	: 200°C
Decomposition temperature	: No data available
Flammability (solid, gas)	: n/a
Vapour pressure	: 23314 Pa @ 20°C
Vapour pressure at 50°C	: 680.24 hPa
Relative vapour density at 20°C	: > 1
Relative density	: 0.689 @ 20°C
Mass density	: 689 kg/m³
Solubility	: Insoluble in water. Soluble in most organic solvents.
Log Pow	: No data available
Viscosity, kinematic	: <20.5 mm²/s @ 40°C
Viscosity, dynamic	: 0.44 cP
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2 Other information

COV content	: 100%

SECTION 10: Stability and reactivity

10.1 Reactivity

Highly flammable liquid and vapour. The product is stable under normal handling, storage and transport conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames or sparks. Remove all ignition sources.

10.5 Incompatible materials

Combustible materials, oxidising substances. Strong acids. Strong alkalis.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral)	: Unclassified
Additional information	: Based on available data, classification criteria are not met
Acute toxicity (dermal)	: Unclassified
Additional information	: Based on available data, classification criteria are not met
Acute toxicity (inhalation)	: Unclassified
Additional information	: Based on available data, classification criteria are not met

pentane (109-66-0)	
DL50 oral rat	> 5,000 mg/kg bodyweight
CL50 inhalation rat (vapour - mg/l/4 hrs)	> 25.3 mg/l/4 hrs

Heptane; n-heptane (142-82-5)	
DL50 oral rat	> 5,000 mg/kg bodyweight
DL50 dermal rabbit	> 2 000 mg/kg
CL50 inhalation rat (vapour – mg/l/4 hrs)	> 103 mg/l/4 hrs

Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).] (64742-49-0)	
DL50 oral rat	> 2,000 mg/kg
DL50 dermal rabbit	> 3,000 mg/kg

Skin corrosion/skin irritation	: Causes skin irritation.
Additional information	: Repeated exposure may cause dry skin or cracking.
Serious eye damage/irritation	: Unclassified
Additional information	: Based on available data, classification criteria are not met
Respiratory or skin sensitisation	: Unclassified (based on available data, classification criteria are not met)
Germ cell mutagenicity	: Unclassified
Additional information	: Based on available data, classification criteria are not met
Carcinogenicity	: Unclassified
Additional information	: Based on available data, classification criteria are not met
Reproductive toxicity	: Unclassified
Additional information	: Based on available data, classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (recurrent exposure)	: Unclassified (based on available data, classification criteria are not met)
Aspiration hazard	: May be fatal if swallowed and enters airways.

COLEMAN FUEL	
Viscosity, kinematic	< 20.5 mm²/s @ 40°C

SECTION 12: Ecological information

12.1 Toxicity

Ecology – general	: Toxic to aquatic life with long-lasting effects.
Acute aquatic toxicity	: Unclassified (based on available data, classification criteria are not met)
Chronic aquatic toxicity	: Toxic to aquatic life with long-lasting effects (based on available data, classification criteria are not met)

pentane (109-66-0)	
CL50 fish 1	4.26 mg/l

CE50 Daphnia 1	2.8 mg/l

heptane; n-heptane (142-82-5)	
CL50 fish 1	0.5 (0.1 - 1) mg/l
CE50 Daphnia 1	0.5 (0.1 - 1) mg/l
EC50 72hrs algae 1	0.1 - 1 mg/l

Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).] (64742-49-0)	
CE50 other aquatic organisms 1	4.3 mg/l 96 hrs – Crangon crangon
12.2 Persistence and degradability	
Pentane (109-66-0)	
Biodegradation	> 87% (OECD method 301F)

Heptane; n-heptane (142-82-5)	
Biodegradation	100%
12.3 Bioaccumulative potential pentane (109-66-0)	
Bioconcentration factor (REACH BCF)	171
Log Pow	3.39

Heptane; n-heptane (142-82-5)	
Bioconcentration factor (REACH BCF)	2,000
Log Pow	4.66

Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).] (64742-49-0)	
Bioconcentration factor (REACH BCF)	380
Log Pow	3.7
12.4 Mobility in soil	
pentane (109-66-0)	
Surface tension	0.01547 N/m
Log Koc	80

Heptane; n-heptane (142-82-5)	
Surface tension	0.01978 N/m

12.5 Results of PBT and vPvB assessment

No further information available

12.6 Other adverse effects

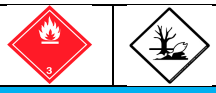
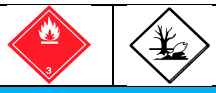
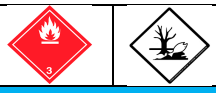
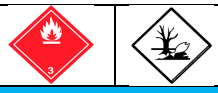
No further information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Regional legislation (waste)	: Disposal must comply with legal requirements. All national and local regulatory requirements must be complied with.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Recommendations for disposing of waste water	: Ensure product does not enter drains.

Recommendations for handling the product/packaging	: Dispose of in accordance with the local/national safety rules in force.
Additional information	: Flammable vapour may build up inside the container.
European Waste Catalogue (EWC) code	: Waste Code to be filled in depending on use and in accordance with the list of Decision 2000/352/EC
HP code	: H3-A - "Flammable": – liquid substances and preparations (including highly flammable liquids) with a flashpoint below 21°C, or – substances and preparations which may become hot and finally catch fire in contact with air at ambient temperature without any application energy, or – solid substances and preparations which may readily catch fire after brief contact with a source of ignition and which continue to burn or to be consumed after removal of the source of ignition, or – gaseous substances and preparations which are flammable in air at normal pressure, or – substances or preparations which, in contact with water or damp air, evolve highly flammable gases in dangerous quantities. H4 - "Irritant": non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation. H6 - "Toxic": substances and preparations (including very toxic substances and preparations) which, if they are inhaled or ingested or they penetrate the skin, may involve serious, acute or chronic health risks and even death. H14 - "Ecotoxic": substances and preparations which present or may present immediate or delayed risks for one or more sectors of the environment. HP5- "Specific Target Organ Toxicity (STOT)/aspiration toxicity": waste that may cause specific toxicity for a target organ through single or repeated exposure, or acute toxic effects following aspiration.

SECTION 14: Transport information				
In accordance with the requirements of ADR/RID/IMDG/IATA/ADN				
ADR	IMDG	IATA	ADN	RID
14.1 UN Number				
UN 3295	UN 3295	UN 3295	UN 3295	UN 3295
14.2 UN proper shipping name				
HYDROCARBURES LIQUIDES, N.S.A.	HYDROCARBURES LIQUIDES, N.S.A.	Hydrocarbons, liquid, n.o.s.	HYDROCARBURES LIQUIDES, N.S.A.	HYDROCARBURES LIQUIDES, N.S.A.
Transport document description				
UN 3295 HYDROCARBURES LIQUIDES, N.S.A., 3, II, (D/E), DANGEREUX POUR L'ENVIRONNEMENT	UN 3295 HYDROCARBURES LIQUIDES, N.S.A., 3, II, POLLUANT MARIN/ DANGEREUX POUR L'ENVIRONNEMENT	UN 3295 Hydrocarbons, liquid, n.o.s., 3, II, ENVIRONMENTALLY HAZARDOUS	UN 3295 HYDROCARBURES LIQUIDES, N.S.A., 3, II, (D/E), DANGEREUX POUR L'ENVIRONNEMENT	UN 3295 HYDROCARBURES LIQUIDES, N.S.A., 3, II, (D/E), DANGEREUX POUR L'ENVIRONNEMENT
14.3 Transport hazard class(es)				
3	3	3	3	3
				
14.4 Packaging group				
II	II	II	II	II
14.5 Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No additional information available				
14.6 Special precautions for user				

Overland transport

Classification code (ADR) : F1

Special provisions (ADR)	: 640D
Limited quantities (ADR)	: 1l
Excepted quantities (ADR)	: E2
Packaging instructions (ADR)	: P001, IBC02, R001
Mixed packaging provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T7
Portable tank and bulk container special provisions (ADR)	: TP1, TP8, TP28
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 2
Special provisions for carriage - Operation (ADR)	: S2, S20
Hazard identification number (Kemler no.)	: 33
Orange plates	
Tunnel restriction code (ADR)	: D/E
Transport by sea	
Limited quantities (IMDG)	: 1 L
Excepted quantities (IMDG)	: E2
Packaging instructions (IMDG)	: P001
IBC packaging instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP1, TP8, TP28
EmS-no. (fire)	: F-E
EmS-no. (spillage)	: S-D
Stowage category (IMDG)	: B
Air transport	
PCA excepted quantities (IATA)	: E2
PCA limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1 L
PCA packaging instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5 L
CAO packaging instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60 L
Special provisions (IATA)	: A3, A224
ERG code (IATA)	: 3H
Inland waterway transport	
Classification code (ADN)	: F1
Special provisions (ADN)	: 640D
Limited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E2
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 1
Rail transport	
Classification code (RID)	: F1
Special provisions (RID)	: 640D
Limited quantities (RID)	: 1 L

Excepted quantities (RID)	: E2
Packaging instructions (RID)	: P001, IBC02, R001
Mixed packaging provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions (RID)	: TP1, TP8, TP28
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE7
Hazard identification number (RID)	: 33

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

15.1.1 EU regulations

Restrictions are applicable according to Annex XVII of the REACH regulation (EC) no. 1907/2006:	
28. Substances included in annex VI, part 3, of Regulation (EC) no. 1272/2008 classified as “category 1A or 1B carcinogen” and listed in appendix 1 or appendix 2 respectively.	Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]
29. Substances included in annex VI, part 3, of Regulation (EC) no. 1272/2008 classified as “category 1A or category 1B mutagen” and listed in appendix 3 or appendix 4 respectively.	Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]
40. Substances classified as flammable gases, category 1 or 2, flammable liquids, category 1, 2 or 3, flammable solids, category 1 or 2, substances and mixtures which produce flammable gases in contact with water, category 1, 2 or 3, pyrophoric liquids, category 1, or pyrophoric solids, category 1, whether or not they are included in annex VI, part 3, of Regulation (EC) no. 1272/2008.	pentane - heptane; n-heptane - Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]
3(c). Substances or mixtures which fulfil the criteria for one of the below hazard classes or categories referred to in annex 1 to Regulation (EC) no. 1272/2008: hazard class 4.1	COLEMAN FUEL - pentane - heptane; n-heptane - Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]
3. Liquid substances or mixtures considered dangerous within the meaning of Directive 1999/45/EC or which fulfil the criteria for one of the below hazard classes or categories referred to in annex I to Regulation (EC) no. 1272/2008	pentane - heptane; n-heptane - Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]
3(a). Substances or mixtures which fulfil the criteria for one of the below hazard classes or categories referred to in annex I of Regulation (EC) no. 1272/2008: hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.5 types A to F	COLEMAN FUEL - pentane - heptane; n-heptane - Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]

3(b). Substances or mixtures which fulfil the criteria for one of the below hazard classes or categories referred to in annex I of Regulation (EC) no. 1272/2008: hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	COLEMAN FUEL - pentane - heptane; n-heptane - Naphtha (petroleum), hydrotreated light; low boiling point hydrotreated naphtha; [a complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C4 through C11 and boiling in the range of approximately minus 20°C to 190°C (-4°F to 374°F).]

Contains no substances on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substances subject to REGULATION (EU) no. 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals
The substance(s) is/are not subject to Regulation (EC) 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

COV content : 100%
Directive 2012/18/EU (SEVESO III)
Additional Seveso indications : 34. Petroleum products and alternative fuels: a) gasolines and naphthas; b) kerosenes (including jet fuels); c) gas oils (including diesel fuels, home heating oils and gas oil blending streams); d) heavy fuel oils; e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points a) to d).

15.1.2 National regulations
Ensure that all national and local rules are followed

France			
ICPE no.	Classified installations Name of the entry	Regime code	Subsection
4734.text	Petroleum products and alternative fuels: gasolines and naphthas; kerosenes (including jet fuels); gas oils (including diesel fuels, home heating oils and gas oil blending streams); heavy fuel oils; alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards. The total amount that may be present in the installations, including underground chambers, is:		
4734.1a	1. For underground chambers and vaults: a) greater than or equal to 2,500 tonnes Low threshold quantity within the meaning of article R. 511-10:2,500 tonnes. High threshold quantity within the meaning of article R. 500-10:25,000 tonnes.	A	
4734.1b	1. For underground chambers and vaults: b) greater than or equal to 1000 tonnes but less than 2500 tonnes Low threshold quantity within the meaning of article R. 511-10:2,500 tonnes. High threshold quantity within the meaning of article R. 500-10:25,000 tonnes.	E	2
4734.1c	1. For underground chambers and vaults: c) greater than or equal to 50 tonnes of gasoline or 250 tonnes in total, but less than 1,000 tonnes in total Low threshold quantity within the meaning of article R. 511-10:2,500 tonnes. High threshold quantity within the meaning of article R. 500-10:25,000 tonnes.	DC	2
4734.2a	2. For other stores: a) greater than or equal to 1,000 tonnes Low threshold quantity within the meaning of article R. 511-10:2,500 tonnes. High threshold quantity within the meaning of article R. 500-10:25,000 tonnes.	A	2
4734.2b	2. For other stores: b) greater than or equal to 100 tonnes of gasoline or 500 tonnes in total, but less than 1,000 tonnes in total Low threshold quantity within the meaning of article R. 511-10:2,500 tonnes. High threshold quantity within the meaning of article R. 500-10:25,000 tonnes.	E	2
4734.2c	2. For other stores: c) greater than or equal to 50 tonnes in total, but less than 100 tonnes of gasoline and less than 500 tonnes in total Low threshold quantity within the meaning of article R. 511-10:2,500 tonnes. High threshold quantity within the meaning of article R. 500-10:25,000 tonnes.	DC	2

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information			
Indications of changes:			
Section	Element modified	Modification	Comments
	Additional Seveso indications	Added	
3	Composition/information on components	Modified	
4.1	General first-aid measures	Modified	
5.3	Firefighting instructions	Modified	
6.1	Emergency procedures	Added	
6.1	Emergency procedures	Modified	
6.2	Environmental precautions	Modified	
7.1	Precautions for safe handling	Modified	
8.2	Personal protective equipment	Added	
8.2	Eye protection	Modified	
8.2	Skin and body protection	Modified	
9.1	Molecular mass	Added	
10.1	Reactivity	Modified	
10.5	Incompatible materials	Modified	
11.1	Reason, if not classified	Added	
11.1	Additional indications	Added	
13.1	H code	Modified	
13.1	European Waste Catalogue (EWC) code	Modified	
15.1	Regulatory reference	Added	
16	Abbreviations and acronyms	Modified	
Abbreviations and acronyms:			
and	European agreement concerning the international carriage of dangerous goods by inland waterways		
ADR	European agreement concerning the international carriage of dangerous goods by road		
ATE	Acute toxicity estimate		
BCF	Bioconcentration factor		
IARC	International Agency for Research on Cancer		
CL50	Lethal concentration for 50% of the population tested (median lethal concentration)		
CLP	Regulation on classification, labelling and packaging; regulation (EC) no. 1272/2008		
DMEL	Derived minimal effect level		
DNEL	Derived no-effect level		
EC50	Half maximal effective concentration		
SDS	Safety data sheet		
IATA	International Air Transport Association		
IMDG	International Maritime Dangerous Goods Code		
LD50	Median lethal dose for 50% of the population tested (median lethal dose)		

LOAEL	Lowest-observed-adverse-effect level
NOAEC	No-observed-adverse-effect concentration
NOAEL	No-observed-adverse-effect level
NOEC	No-observed-effect concentration
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no-effect concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EU) REACH 1907/2006
RID	Regulation concerning the international carriage of dangerous goods by rail
STP	Sewage treatment plant
TLM	Median tolerance limit
vPvB	Very persistent and very bioaccumulative

Sources of data : REGULATION (EC) 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on the classification, labelling and packaging of substances and mixtures, amending and repealing Directive 67/548/EEC and 1999/45/EC and amending Regulation (EC) no. 1907/2006.

Training advice : Follow the recommendations for use, storage, maintenance and replacement. This product is intended only for the use described on the packaging.

Other information DISCLAIMER: The information contained in this sheet comes from sources we believe to be trustworthy. It is nonetheless provided without any guarantee, express or tacit, of its correctness. The handling, storage, usage or disposal conditions or methods of the product are outside our control and we cannot accept any responsibility for them. It is for these reasons, amongst others, that we cannot accept any responsibility in the event of any loss, damage or costs brought about by or in any way connected to the handling, storage, use or disposal of the product. This SDS has been drawn up and must be used for this product only. If the product is used as an ingredient in another product, the information on this sheet may no longer apply. Please ensure that all national and local laws and regulations are followed.

Full text of H and EUH phrases:	
Aquatic Acute 1	Dangerous for the aquatic environment – Acute danger, category 1
Aquatic Chronic 1	Dangerous for the aquatic environment – Chronic danger, category 1
Aquatic Chronic 2	Dangerous for the aquatic environment – Chronic danger, category 2
Asp. Tox. 1	Aspiration hazard, category 1
Carc. Not classified	Carcinogenicity, unclassified
Flam. Liq. 2	Flammable liquids, category 2
Muta. Not classified	Gamete mutagenicity, unclassified
Skin Irrit. 2	Skin corrosion/irritant, category 2
STOT SE 3	Specific target organ toxicity – single exposure, category 3
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long-lasting effects.
H411	Toxic to aquatic life with long-lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Classification and procedure used to establish the classification of mixtures in accordance with Regulation (EC 1272/2008 [CLP]:		
Flam. Liq. 2	H225	Based on trial data
Skin Irrit. 2	H315	Calculation method
STOT SE 3	H336	Calculation method
Asp. Tox. 1	H304	Calculation method

Aquatic Chronic 2	H411	Calculation method

EU SDS (Annex II REACH)
This information is based on our current knowledge and describes the product in consideration of health, safety and the environment only. It should not be interpreted as a guarantee of any specific property of the product.