



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 1 of 13

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

- Product name: **KENNOL PETROL TREATMENT**

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

- Commercial use: Petrol Additive (for more details, please report back to the technical manual)

1.3. Details of the supplier of the Safety Data Sheet

- Fournisseur **ACCOR LUBRIFIANTS SA**

Adresse : 8 Rue du Mans - BP 30406 - 49304 CHOLET CEDEX

Téléphone : 02.41.75.26.70

Télécopie : 02.41.62.67.02

Contact e-mail : jerome.poulain@accor-lubrifiants.com

1.4. Emergency telephone number

In France, the valid emergency number is the ORFILA (INRS) number: + 33 (0)1 45 42 59 59. This telephone number gives contacts of all French poison centers ("centres anti-poison et de toxicovigilance"). These information centers provide you with free medical advice (except the cost of call), 24 hours a day, 7 days a week. For the information related to other countries, see the web page dedicated to national helpdesks of the ECHA website (European Chemicals Agency) that lists all the information by country:

<http://echa.europa.eu/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks>

SECTION 2 - HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification CE 1272/2008 (CLP)

H226 – Flammable liquids, Category 3

H304 – Aspiration hazard, Category 1

H319 – Serious eye damage/ eye irritation, Category 2

2.2. Label elements

Label Conforms to Norm (CE) N° 1272/2008 (CLP) :

Hazard pictogram(s):



Signal word(s): DANGER

Hazardous ingredients: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hazard statement(s):

H226 – Flammable liquid and vapour.

H304 – May be fatal if swallowed and enters airways.

H319 – Causes serious eye irritation.

Precautionary statement(s) – Prevention

P101 – If medical advice is needed, have product container or label at hand.

P102 – Keep out of reach of children.

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P262 – Do not get in eyes, on skin, or on clothing.

P264 – Wash hands thoroughly after handling.

P280 – Wear eye protection, face protection.

Precautionary statement(s) - Intervention

P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER, a doctor.

P331 – Do NOT induce vomiting.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice/attention

Precautionary advice- Storage

P403+P235 – Store in a well-ventilated place. Keep cool.

P405 – Store locked up.

Precautionary advice - Elimination

P501 - Dispose of contents/container to a hazardous waste collection center, as per national regulation

EUH- statements: EUH066 – Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No additional information available



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 3 of 13

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

- Dangerous components:

COMPONENTS	Percentage (in weight)	CLP Classification (EC) No 1272/2008	NUMBERS
			INDEX CE CAS Enregistrement
Distillates (petroleum), solvent-dewaxed heavy paraffinic substance with national workplace exposure limit(s) (Note L)	20 – 40 %	Not classified	649-474-00-6 265-169-7 64742-65-0 01-2119471299-27
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	20 – 40 %	Asp. Tox. 1; H304	- 918-481-9 - 01-2119457273-39
4-methylpentan-2-ol	1 – 10 %	Flam. Liq. 3 ; H226 Eye Irrit. 2 ; H319 STOT SE 3 ; H335	603-008-00-8 203-551-7 108-11-2 01-2119473979-13
Kerosine (petroleum) substance with national workplace exposure limit(s) (BE, IE)	< 3 %	Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304	649-404-00-4 232-366-4 8008-20-6 -
Oxirane, 2-ethyl-, homopolymer, 3-aminopropyl C11- 14-isoalkyl ethers, C13-rich	< 3 %	Acute Tox. 4 (Oral) ; H302 Eye Dam. 1 ; H318 Aquatic Chronic 2 ; H411	- 805-631-2 1398506-12-1 -
Specific concentration limits :			
	Specific concentration limits :		
4-methylpentan-2-ol	(C>=25) STOT SE 3 ; H335		603-008-00-8 203-551-7 108-11-2 01-2119473979-13

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

The whole of the text of risk phrases and hazard statements of this section 3 appears in Section 16.



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 4 of 13

SECTION 4 - FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general	Never give anything by mouth to an unconscious person. If medical advice is needed, have product container or label at hand.
First-aid measures after inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	Remove contaminated clothes. Wash skin with plenty of water. Wash contaminated clothing before reuse
First-aid measures after eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after skin contact	Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	Causes serious eye irritation.
Symptoms/effects after ingestion	May be fatal if swallowed and enters airways.

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

Treat symptomatically

SECTION 5 - FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: CO₂, dry powder, resistant foam; the water can be used to cool and protect product containers exposed.

Unsuitable extinguishing media for safety reason: Heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Flammable liquid and vapor.

Hazardous decomposition products in case of fire: Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 5 of 13

5.3. Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area proper protective equipment, including respiratory protection.

Other information: Prevent liquid from entering sewers, watercourses, underground or low areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal protective equipment must be worn. Avoid all contact with skin. If the spill occurs in a closed environment or other area with poor ventilation, ventilate before entering the area.

6.2. Environmental precautions

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case product reaches water or sewage system.
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Soak up to recycle and/or dispose of. The remaining liquid can be absorbed with inert material.

6.4. Reference to other sections

To obtain information about safe handling, please see chapter 7.
To obtain information about personal protective equipment, please see chapter 8.
To obtain information about elimination, please see chapter 13.

SECTION 7 - HANDLING AND STORAGE

7.1. Precautions for safe handling

Additional hazards when processed: Flammable liquid and vapor.

Precaution for safe handling:
Do not eat, drink or smoke when using this product.

Hygiene measures: Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Provide local exhaust or general room ventilation.



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 6 of 13

Storage conditions and storage area:

Store in a closed container.

Keep out of frost.

Keep away from naked flames/heat.

Keep away from ignition sources.

Store in a dry place.

Store in a well-ventilated place.

Store in original container.

7.3. Specific end use(s)

No additional information available.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)		
France	VME (mg/m ³)	7 (8h)
France	VME (ppm)	5 ppm (8h)
France	VLE(mg/m ³)	14 mg/m ³ (15m)
France	VLE (ppm)	10 ppm (15m)
Kerosine (petroleum) (8008-20-6)		
Belgium	Local name	Kérosène (en vapeur d'hydrocarbure total) : application limitée aux conditions d'exposition aux aérosols négligeable
Belgium	Limit value (mg/m ³)	200 mg/m ³
Belgium	Remark	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air.
Belgium	Regulatory reference	Arrêté royal 11/03/2002
Ireland	OEL (8 hours ref) (mg/m ³)	100 mg/m ³
USA - ACGIH	ACGIH TWA (mg/m ³)	200 mg/m ³



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 7 of 13

8.2. Exposure controls

Hand protection :					
Gloves. EN 374					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Nitrile rubber (NBR)	6 (> 480 minutes)		3 (> 0.65)	EN 374
Eye protection:					
Safety glasses. EN 166					
Type	Use	Characteristics	Standard		
Safety glasses		With side shields	EN 166		
Skin and body protection :					
Wear suitable protective clothing					
Respiratory protection:					
Good ventilation of the workplace required. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment.					

Personal protective equipment symbol(s):



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physic state	Liquid
Appearance	Clear
Colour	Yellow
Odour	No data available
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	52°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 8 of 13

Density	0.835 – 0.85 g/cm ³ (20°C)
Solubility	No data available
Log Pow	No data available
Kinematic viscosity	< 20 mm ² /s (40°C)
Dynamic viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. Other information

No additional information available.

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Heat. Open flame. Sparks. Water, humidity, freezing.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 9 of 13

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity (oral): Not classified

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (Dust/Mist – mg/l/4h)	5,53 mg/l/4h
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	
LD50 oral rat	> 500 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 11 mg/l 4 heures
Kerosine (petroleum) (8008-20-6)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 2,28 mg/l/4h

Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye damage
Respiratory or skin sensitisation	Not classified
Gen cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	May be fatal if swallowed and enters airways

SECTION 12 - ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic toxicity: Not classified

Chronic aquatic toxicity: Not classified



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 10 of 13

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	
LC50 fish 1	> 1000 mg/l
EC50 Daphnia 1	> 1000 mg/l
EC50 72h algae (1)	> 1000 mg/l
Oxirane, 2-ethyl-, homopolymer, 3-aminopropyl C11-14-isoalkyl ethers, C13-rich (1398506-12-1)	
LC50 fish 1	> 1 - 10 mg/l
Kerosine (petroleum) (8008-20-6)	
LC50 fish 1	18 - 25 mg/l (Pisces)
LC50 fish 2	≥ 45 mg/l (Pimephales promelas)
LC50 other aquatic organisms 1	1 - 100 mg/l
EC50 Daphnia 1	1,4 - 21 mg/l (Daphnia magna)
TLM fish 1	2990 ppm (24h - Lepomis macrochirus)

12.2. Persistence and degradability

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Biodegradation	80 % 28 days
Kerosine (petroleum) (8008-20-6)	
Persistence and degradability	Product is biodegradable

12.3. Bioaccumulative potential

Distillates (petroleum), solvent-dewaxed heavy paraffinic (64742-65-0)	
Log Pow	> 3
Kerosine (petroleum) (8008-20-6)	
Log Pow	3,3 - 6
Bioaccumulative potential	Bioaccumulative

12.4. Mobility in soil

Kerosine (petroleum) (8008-20-6)	
Surface tension	0,02 - 0,03 N/m
Ecology – soil	Product adsorbs onto the soils

12.5. Results of PBT and vPvB assessment

No additional information available



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 11 of 13

12.6. Other adverse effects

No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

· Recommendation:

Must not be disposed together with household waste.

· Waste disposal:

Do not allow product to reach sewage system.

Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 - TRANSPORT INFORMATION

14.1. UN number

ADR, IMDG, IATA: UN 1993

14.2. UN proper shipping name

· ADR

UN 1993 FLAMMABLE LIQUID, N.O.S. (CONTAINS ; 4-methylpentan-2-ol ; Kerosine (petroleum)), 3, III, (D/E)

· IMDG

UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III

· IATA

UN 1993 FLAMMABLE LIQUID, N.O.S., 3, III

14.3. Transport hazard class(es)

· ADR

Class 3 (F1) Flammables liquids



· IMDG, IATA

Class 3 Flammables liquids





SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 12 of 13

14.4. Packing group

ADR Packing group: III
IMDG packing group: III
IATA packing group: III

14.5. Environmental hazards

Dangerous for the environment : No
IMDG – Marine pollutant : No
In case of leakage and / or spreading: Clean up leaks or even minor losses if possible without taking unnecessary risk

14.6. Special precautions for user

Individual precautions: The driver should not take action in case of cargo fire.
Emergency measures in the event of an accident: No naked flames. No smoking.
Keep public away from danger area.
IMMEDIATELY CONTACT POLICE AND FIREMEN.
Other information: None.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code"

Not applicable.

SECTION 15 - REGULATORY INFORMATION

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

Be ensured that all notation or local regulations are observed.
European regulatory guidelines:

- Regulation (CE) n° 1907/2006 of the European Parliament and of the Council of 18 December 2006 for Registration, Evaluation, Authorisation and Restriction of Chemical substances, as well as as restrictions applicable to these substances (REACH), and establishing a European Chemicals Agency modifying directive 1999/45/CE and repealing Commission Regulation (CEE) n° 793/93 of Council Regulation (CE) n° 1488/94 of the Commission as well as directive 76/769/CEE of Council and directives 91/155/CEE, 93/67/CEE, 93/105/CE and 2000/21/CE of the Commission, with modifications.
- Regulation (CE) n° 1272/2008 of the European Parliament and of the Council of 16 December 2008 for classification, labelling and packaging of substances and mixtures, modifying and repealing directives 67/548/CEE and 1999/45/CE and modifying the regulation (CE) n° 1907/2006, with modifications.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.



SAFETY DATA SHEET

According to E.C Regulation 453-2010

KENNOL PETROL TREATMENT

Replace the version of xx/xx/xxxx

MSDS: xxx-164120-15/03/2019

15/03/2019

Page 13 of 13

SECTION 16 - OTHER INFORMATION

Modifications indications

1st version

Symbols and hazard phrases used in this document section 3:

- H226 – Flammable liquid and vapour.
- H302 – Harmful if swallowed.
- H304 – May be fatal if swallowed and enters airways.
- H318 – Causes serious eye damage.
- H319 – Causes serious eye irritation.
- H335 – May cause respiratory irritation.
- H411 – Toxic to aquatic life with long lasting effects.

Since conditions or methods of use are not under our control, we assume no liability and expressly disclaim all liability for the use of this product. The information contained hereby is considered as true and accurate, but all declarations or suggestions are made without warranty of any kind, either expressed or implied, as to the accuracy of the information, the hazards associated with this product or results that could be obtained with the use of such product. The respect of all governmental, provincial and local regulations is left to the sole responsibility of the user.