



# KENNOL REVOLUTION 0W-20 71-2010

Version: 1

Date de version: 20/07/2023

Langue: FR

Conformément au règlement (CE) n° 1907/2006 (modifié par le règlement (UE) n° 2020/878)

## Safety Data Sheet

section

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

#### 1.1 Product identifier

Trade name/designation : KENNOL REVOLUTION 0W-20 71-2010

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

Relevant identified uses : Engine lubricants.  
Uses advised against : No data available.

#### 1.3 Details of the supplier of the safety data sheet

Supplier : **Name:** ACCOR Lubricants.  
**Street:** Du Mans street.  
**Postal code/City:** 49300 Cholet.  
**Country:** France :  
**Telephone:** 02.41.75.26.70.  
**Telefax:** 02.41.62.67.02.  
**E-mail:** Service.technique@accor-lubrifiants.com.

#### 1.4 Emergency Telephone Number

United Kingdom:

This number allows you to obtain the contact information of all the Poison Control Centers. These poison control and toxicovigilance centers provide free medical assistance (excluding call costs), 24 hour out of 24 and 7 days out of 7. To know the emergency phone number valid in your country, please contact the competent local authorities and consult the ECHA (European Chemicals Agency) website: <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

**Hazards identification:** This mixture is not classified as dangerous.

### 2.2 Label elements

#### Labelling

Hazard pictograms

Signal word

#### Supplemental Hazard information (EU)

EUH208 Contains C14-16-18 Alkyl Phenol, Molybdenum polysulphide long chain alkyl dithiocarbamate complex. Can produce an allergic reaction.

#### Precautionary Statements

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

P102 Keep out of reach of children.

P103 Read label before use.

#### Precautionary Statements - Disposal

P501 Dispose of contents/container at a hazardous waste collection point in accordance with applicable regulations.

#### Contains

C14-16-18 Alkyl phenol

### 2.3 Other hazards

Not available

## section 3 Composition/information on ingredients

### 3.2 Mixtures

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

Substance	Concentration (%)	Limites de concentration spécifiques	Classification
<b>Distillates (petroleum), hydrotreated heavy paraffinic</b>			
N°CAS 64742-54-7	C< 1.35%		*
N°EC 265-157-1			
N°IDX 649-467-00-8			
<b>C14-16-18 Alkyl phenol</b>			
N°CAS	C< 1.0%		H317 Peut provoquer une allergie cutanée.
N°EC 931-468-2			H373 Risque présumé d'effets graves pour les organes à la suite
N°IDX			

			d'expositions répétées ou d'une exposition prolongée
<b>Molybdenum polysulphide long chain alkyl dithiocarbamate complex</b>			
CAS N°		C ≤ 0.135%	H315 Skin Irrit. 2
EC N°	457-320-2		H317 Skin Sens. 1
IDX N°			H412 Aquatic Chronic 3
Registration number			

### 3.3 Remark

Text phrases and H- EUH-: see section 16.

\* This product is a petroleum product and therefore severely refined and contains less than 3% DMSO extract by weight according to the IP 346 method "Determination of polycyclic aromatic substances in unused lubricating base oils and petroleum cuts without asphaltene - refractive index method of dimethyl sulfoxide extraction", Institute of Petroleum of London. Substances are therefore not classified as carcinogenic according to Regulation (EC) No. 1272/2008, note L.

## 4 First aid measures

### 4.1 Description of first aid measures

#### General information:

When in doubt or if symptoms are observed, get medical advice.

#### Following inhalation:

Provide fresh air.

Alert a doctor if you feel unwell.

No special measures are necessary.

#### Following skin contact:

Wash with soap and water.

#### Following eye contact:

In case of eye irritation consult an ophthalmologist.

Rinse immediately carefully and thoroughly with eye-bath or water.

#### Following ingestion:

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

#### Self-protection of the first aider:

When administering first aid, protect yourself from exposure to chemicals or blood-borne diseases by wearing gloves, masks and eye protection. After providing first aid, wash exposed skin with soap and water.

No special measures are necessary.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

#### Notes for the doctor:

Treat symptomatically.

## 5 Firefighting measures

### 5.1 Extinguishing media

### Suitable extinguishing media:

Foam.  
Extinguishing powder.  
Carbon dioxide (CO<sub>2</sub>).  
Sand.

### Unsuitable extinguishing media:

Strong water jet.

## 5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

## 5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

## 5.4 Additional information

Do not inhale vapors and fumes.  
Co-ordinate fire-fighting measures to the fire surroundings.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.  
Use water spray jet to protect personnel and to cool endangered containers.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

# section 6 Accidental release measures

## 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.  
Use appropriate respiratory protection.  
Provide adequate ventilation.

## 6.2 Environmental precautions

Ensure that waste is collected and contained.  
Contain leaks or spills within cabinets with removable trays.  
No special environmental measures are necessary.

## 6.3 Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.  
Collect in closed and suitable containers for disposal.  
Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Wipe up with absorbent material (eg. cloth, fleece).

## 6.4 Reference to other sections

Safe handling: see section 7.  
Disposal: see section 13.  
Personal protection equipment: see section 8.

## 6.5 Additional information

Not available

## section 7 Handling and Storage

### 7.1 Precautions for safe handling

**PROTECTIVE MEASURES:**

No special measures are necessary.

Use only in well-ventilated areas.

If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.

Provide adequate ventilation as well as local exhaustion at critical locations.

Vapours/aerosols should be exhausted directly at the point of origin.

**Advices on general occupational hygiene:**

Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

Work in well ventilated zones or use proper respiratory protection.

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

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container in upright position in order to prevent leakage.

**Requirements for storage rooms and vessels:**

Ensure adequate ventilation of the storage area.

**Advice on joint storage:**

Keep away from food, drink and animal feedingstuffs.

### 7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## section 8 Exposure controls/personal protection

### 8.1 Control parameters

**Occupational exposure limits:**

Does not contain substances above concentration limits fixing an occupational exposure limit.

**Biological limit values:**

Not available

**Exposure limits at intended use:**

Not available

**DNEL-/PNEC-values:**

- Distillates (petroleum), hydrotreated heavy paraffinic:

**DNEL worker:**

Type	short-term		long-term	
	systemic	Local	systemic	Local
Oral				
Dermal				
Inhalation			5.4 mg/m <sup>3</sup>	

**DNEL consumer:**

Type	short-term	long-term
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	systemic	Local	systemic	Local
Oral				
Dermal				
Inhalation			1.2 mg/m <sup>3</sup>	

**PNEC:**

PNEC aquatic, freshwater	0.004 mg/l
PNEC aquatic, marine water	0.0046 mg/l
PNEC aquatic, intermittent release	0.045 mg/l
PNEC sediment, freshwater	0.024 mg/kg dw
PNEC sediment, marine water	0.002 mg/kg dw
PNEC soil	0.002 mg/kg dw
PNEC sewage treatment plant (STP)	
PNEC air	
PNEC secondary poisoning	10.67 mg/kg/day

**Remark:**

Not available

## 8.2 Exposure controls

**Appropriate engineering controls:**

See section 7. No additional measures necessary.

Provide adequate ventilation as well as local exhaustion at critical locations.

**Personal protection equipment: Not available**

**Eye/face protection**

: **Suitable eye protection:**  
Wear eye protection equipment.

**Skin protection**

: **Hand protection:**  
**Suitable gloves type:**  
Wear protective gloves.

**Body protection:**

**Suitable protective clothing:**  
No special measures are necessary.  
Lab coat.

**Respiratory protection**

: **Respiratory protection necessary at:**  
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Suitable respiratory protection apparatus:**

No data available.  
Wear respiratory protection.

**Remark:**

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

Observe the wear time limits as specified by the manufacturer.

Use only respiratory protection equipment with CE-symbol including four digit test number.

**Environmental exposure controls:**

No special measures are necessary.

**Consumer exposure controls:**

Not available

## 8.3 Additional information

Not available

## section 9 Physical and chemical Properties

### 9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Amber
Odour	: Characteristic Oil
Odour threshold	: Not available
pH	: Not available
Melting point/freezing point	: Not available
Initial boiling point and boiling range	: >150°C
Flash point	: >220°C
Evaporation rate	: Not available
Flammability	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Vapour density	: Not available
Relative density	: Not available
Solubility(ies)	: Not available
Partition coefficient: n-octanol/water (Log KOC)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity	: 8.1cSt at 100°C
Explosive properties	: Not available
Oxidising properties	: Not available
Solubility in other Solvents	: Not available
Log Kow	: Not available

### 9.2 Other safety information

Not available

## section 10 Stability and Reactivity

### 10.1 Reactivity

Carefully review all information provided in sections 10.2 through 10.6.

### 10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

Elevated temperature.

#### 10.5 Incompatible materials

Strong acids. Oxidizing agents.

#### 10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

#### 10.7 Additional information

Not available

## section 11 Toxicological information

#### 11.1 Acute oral toxicity

No data is available on the product itself.  
The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.2 Acute dermal toxicity

No data is available on the product itself.  
The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.3 Acute inhalation toxicity

No data is available on the product itself.  
The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.4 Skin corrosion/irritation

No data is available on the product itself.  
The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

#### 11.5 Serious eye damage/irritation

No data is available on the product itself.



The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.6 Skin sensitisation

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No data is available on the product itself.

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.7 Specific target organ toxicity (repeated exposure)

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No data is available on the product itself.

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.8 Specific target organ toxicity (single exposure)

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No data is available on the product itself.

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.9 Carcinogenicity

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No data is available on the product itself.

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.10 Reproductive toxicity

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No data is available on the product itself.

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

### 11.11 Germ cell mutagenicity

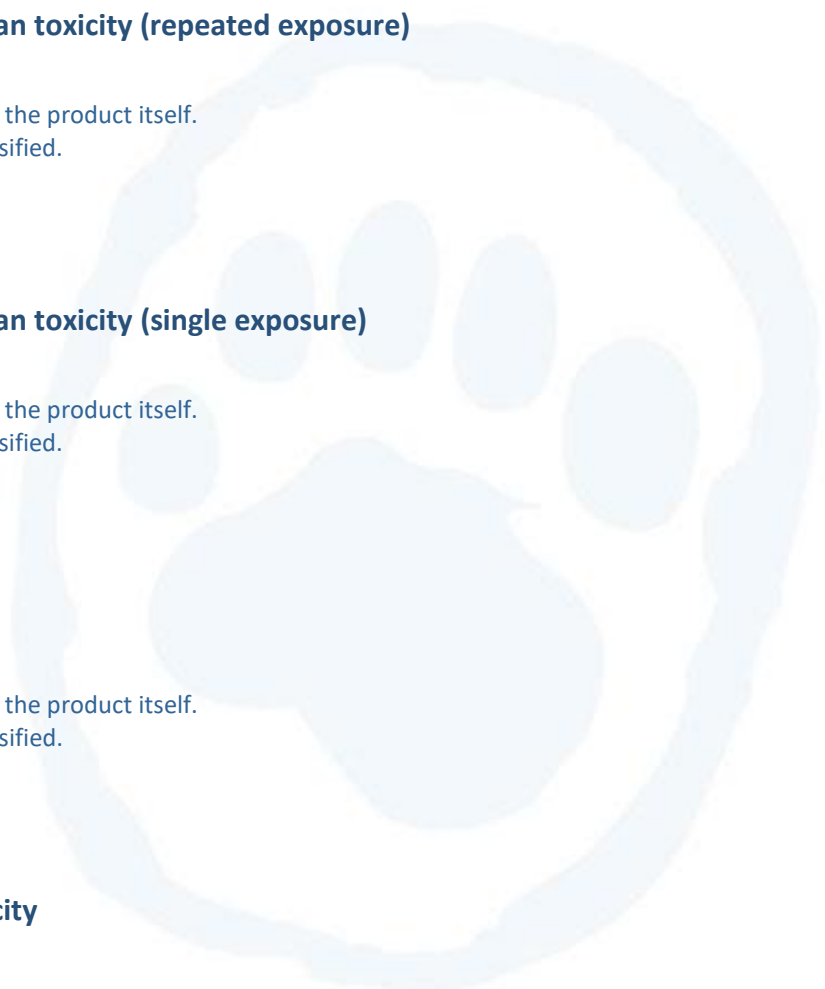
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No data is available on the product itself.

The product is not classified.

**Data for mixture:**

Not available



**Substances:**

Not available

**11.12 Sensitisation to the respiratory tract**

No data is available on the product itself.  
The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**11.13 Additional information**

Not available

section **12 Ecological information**

**12.1 Toxicity**

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

**Data for mixture:**

Not available

**Substances:**

Not available

**12.2 Persistence and degradability**

No data is available on the product itself.  
The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

**12.3 Bioaccumulative potential**

No data is available on the product itself.  
The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

**12.4 Mobility in soil**

No data is available on the product itself.  
The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

**12.5 Results of PBT and vPvB assessment**

No data is available on the product itself.

## 12.6 Other adverse effects

No data is available on the product itself.

## 12.7 Additional ecotoxicological information

Not available

# section 13 Disposal considerations

## 13.1 Waste treatment methods

### Product/Packaging disposal:

#### Waste codes/waste designations according to EWC/AVV:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

#### Waste treatment options:

##### Appropriate disposal/Product:

Dispose of waste according to applicable legislation.

##### Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of.

Contaminated packing must be completely emptied and can be reused after proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

Dispose of waste according to applicable legislation.

#### Remark:

For recycling, contact manufacturer.

## 13.2 Additional information

Not available

# section 14 Transport information

## 14.1 UN number

The product is not hazardous according to the applicable transport regulations.

## 14.2 UN proper shipping name

Not regulated.

## 14.3 Transport hazard class(es)

Not regulated.

## 14.4 Packing group

Not regulated.

## 14.5 Environmental hazards

Not regulated.

## 14.6 Special precautions for user

Not regulated.

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

Not regulated.

## 14.8 Additional information

Not available

# section 15 Regulatory information

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

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

### EU legislation:

#### REACH : Annex XVII (Restrictions):

Substance	CAS	EC
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1

## 15.2 Chemical Safety Assessment

For this substance/mixture a chemical safety assessment is not required.

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

For this substance/mixture a chemical safety assessment has been elaborated.

For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

## 15.3 Additional information

Not available

# section 16 Other information

## 16.1 Indication of changes

Not applicable (first edition of the MSDS).

## 16.2 Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

### 16.3 Key literature references and sources for data

No data available.

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

### 16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H317	Skin Sens. 1B	May cause an allergic skin reaction.
H373	STOT RE 2	May cause damage to organs through prolonged or repeated exposure

### 16.6 Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

### 16.7 Additional information

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The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.