

## 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 SUPRA.

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

Relevant identified uses : Engine lubricant.  
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:

In England and Wales: dial 111 ( NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours. During GP Out-of-Hours ([www.gpoutofhours.hscni.net/](http://www.gpoutofhours.hscni.net/)): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195.

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

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

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

#### 2.2 Label elements

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

##### Labelling

Hazard pictograms

Signal word

## Supplemental Hazard information (EU)

EUH208 Contains Calcium long chain alkaryl sulphonate. May produce an allergic reaction.

## Precautionary Statements

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.

## 2.3 Other hazards

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

# 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>.

In accordance with the product knowledge, no nanomaterials have been identified.

Substance		Concentration (%)	Classification
<b>Distillates (petroleum), hydrotreated heavy paraffinic</b>			
N°CAS	64742-54-7	C= 79.33%	*
N° KE	KE 12546		
<b>1-Decene, homopolymer, hydrogenated</b>			
N°CAS	68037-01-4	C=15.94%	
N° KE	KE 09505		
<b>ar-Nonyl-N-(nonylphenyl)benzenamine</b>			
N°CAS	36878-20-3	C= 1.45%	H304 Asp. Tox. 1
N°KE	KE 26230		
<b>Phosphorodithioic acid, mixed O,O-bis(hexyl and iso-Bu) csters, zinc salt</b>			
N°CAS	68784-34-9	C=0.725%	H318 Eye Dam. 1
N°EC	2015-3-6248		H411 Aquatic Chronic 2
<b>3,5-Bis(1,1-Dimethylethyl)-4-hydroxy benzene propanoic acid branched alkyl (C=7-9) ester</b>			
N°CAS	125643-61-0	C= 0.725%	H413 Aquatic Chronic 4
N°KE	KE 03067		
<b>Methylbenzenesulfonic acid, mono(C=20~28)-branched alkyl derivs., calcium salt</b>			
N°CAS	722503-70-0	C= 0.725%	H317 Skin Sens. 1
N°KE	2011-3-5277		H413 Aquatic Chronic 4
<b>2-Hydroxybenzoic acid monoalkyl (C=14-18) derivs. calcium salts (2:1)</b>			
N°CAS	114959-46-5	C= 0.725%	
N°KE	KE 20383		
<b>Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based</b>			
N°CAS	72623-87-1	C= 0.18%	*
N°KE	KE 22621		
<b>Distillates (petroleum), solvent-dewaxed light paraffinic</b>			
N°CAS	64742-56-9	C= 0.18%	*
N°KE	KE 12609		

diphenylamine [1]			
N°CAS	122-39-4	C= 0.02%	H301 Acute Tox. 3 ORAL
N°KE	KE 28303		H311 Acute Tox. 3 DERMAL
			H331 Acute Tox. 3 INHALATION
			H373 STOT RE 2
			H400 Aquatic Acute 1
			H410 Aquatic Chronic 1

## Remark

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

## section 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:

No special measures are necessary.

Provide fresh air.

#### 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:

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.

## section 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.

#### 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

No special measures are necessary.

Use appropriate respiratory protection.

Provide adequate ventilation.

Use personal protection equipment.

### 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.

#### 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.

# 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	
	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 exhaust at critical locations.

## Individual protection measures, such as personal protective equipment: Not available

- Eye/face protection** : **Suitable eye protection:**  
No special measures are necessary.  
Wear eye protection equipment.
- Skin protection** : **Hand protection:**  
**Suitable gloves type:**  
No special measures are necessary.  
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

## Additional information

Not available

## Physical and chemical Properties

### 9.1 Information on basic physical and chemical properties

- Physical state** : Liquid  
**Colour** : Amber  
**Odour** : Caractéristique  
**pH** : Not available  
**Melting point/freezing point** : Not available  
**Initial boiling point and boiling range** : Not available  
**Flash point** : >200°C  
**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 value)** : Not available

Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available
Kinematic viscosity	:	Not available
Solubility in other Solvents	:	Not available
Particle characteristics	:	Not available

## 9.2 Other safety information

### Information concerning to the classes of physical hazards

Not available

### Other security characteristics

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 temperatures).

## 10.5 Incompatible materials

No data available.

Strong acids. Oxidizing agents.

## 10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

### Additional information

Not available

# section 11 Toxicological information

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Acute oral toxicity:

The product is not classified.

### **Data for mixture:**

Not available

### **Substances:**

Not available

### Acute dermal toxicity:

The product is not classified.

### **Data for mixture:**

Not available

### **Substances:**

Not available

### Acute inhalation toxicity:

The product is not classified.

### **Data for mixture:**

Not available

**Substances:**

Not available

**Skin corrosion/irritation:**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Serious eye damage/irritation:**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Skin sensitisation:**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Specific target organ toxicity (repeated exposure):**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Specific target organ toxicity (single exposure):**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Carcinogenicity:**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Reproductive toxicity:**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Germ cell mutagenicity:**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**Sensitisation to the respiratory tract:**

The product is not classified.

**Data for mixture:**

Not available

**Substances:**

Not available

**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

The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

### 12.3 Bioaccumulative potential

The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

### 12.4 Mobility in soil

The product has not been tested.

**Data for mixture:**

Not available

**Substances:**

Not available

### 12.5 Results of PBT and vPvB assessment

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

### 12.7 Other adverse effects

No data available.

**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.

#### 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.

#### 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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	276-738-4

### 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.

### Additional information

Not available

section

## 16 Other information

### Indication of changes

Not applicable (first edition of the MSDS).

### 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.

### Key literature references and sources for data

No data available.

### 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.  
Complies with ATP 18, Regulation (EU) n°2022/692.

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

H317	Skin Sens. 1	May cause an allergic skin reaction.
H413	Aquatic Chronic 4	May cause long lasting harmful effects to aquatic life.

### Training advice

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

### Additional information

Creation date: 16/05/2023

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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.