



SAFETY DATA SHEET

conforme to reglementation 453/2010 - REACH

ACCOR ECOSYNN 504-507 5W30

Replace version xx/xx/xxxx

FDS :106-125440-130716

13/07/2016

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

1.1. Product identifier

- Product name: **ACCOR ECOSYNN 504-507 5W30**

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

- Commercial use: 4 Stroke motor oil (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 : emilie.auribault@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)

This product does not meet these classification requirements.

2.2. Label elements

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

Hazard pictogram(s):

None

Signal word(s):

None

Hazard statement(s):

None

Additional phrases:

EUH208 – Contains: C14-16-18 Alkyl phenol. May produce an allergic reaction.

Precautionary statement(s) – Prevention

P102 - Keep out of reach of children

Precautionary statement(s) - Intervention

None

Precautionary advice- Storage

None

Precautionary advice - Elimination

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

2.3. Other hazards

Flammable and combustible product if heated.

The oil mist may irritate eyes and breathing apparatus.

Prolonged and frequent contact may dry and irritate the skin and cause a rash.

The used oil can contain dangerous impurities.

Possibility of soil and groundwater contamination.

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SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

- Chemical nature: Product formulated from base oils and additives

- Dangerous components:

COMPONENTS	Percentage (in weight)	CLP Classification (EC) No 1272/2008	NUMBERS
			INDEX CE CAS Registration
Petroleum base oil	< 40 %	-	Mixture (*)
Petroleum base oil	< 25 %	Asp. Tox. 1; H304	Mixture (**)
Dec-1-ene, homopolymer, hydrogenated	< 25%	-	- 68037-01-4 -
bis(nonylphenyl)amine	< 2%	Aquatic Chronic 4; H413	- 253-249-4 - 01-2119488911-28
phosphorodithioic acid, mixture of esters O,O-bis(dimethyl-1,3 butyl and isopropyl), zinc salts	< 1%	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 2; H411	- 283-392-8 - 01-2119493626-26
C14-16-18 Alkyl phenol	< 0.2%	Skin Sens. 1B; H317 Aquatic Chronic 4; H413	- - - 01-2119498288-19

(*)Mixture: Contains one or several EINECS numbers as follows: 265-090-8, 265-091-3, 265-096-0, 265-097-6, 265-098-1, 265-101-6, 265-155-0, 265-156-6, 265-157-1, 265-158-7, 265-159-2, 265-160-8, 265-161-3, 265-166-0, 265-169-7, 265-176-5, 276-735-8, 276-736-3, 276-737-9, 276-738-4, 278-012-2, 309-878-2.

(**) Mixture: Contains one or several of the following numbers: N°CE 276-738-4 (registration: 01-2119474889-13), 265-157-1 (registration: 01-2119484627-25), N° CE 265-169-7 (registration 01-2119471299-27), N° CE 265-158-7 (registration 01-2119487077-29), N° CE 265-159-2 (registration 01-2119480132-48)

This product is a petroleum product. DMSO extract < 3 % in weight (IP 346)

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

SECTION 4 - FIRST AID MEASURES

4.1. Description of first aid measures

If feeling unwell seriously or persistently, immediately seek medical attention

Inhalation:

Move the subject away from the polluted area.

Take affected person into fresh air and keep quiet.

In case of unconsciousness place patient stably in side position for transportation.

In the event of faintness, consult a doctor.

Skin contact:

Wash the skin with soap and water.

In case of persistent irritation of the skin, consult a doctor.

Wash contaminated clothing before reuse.

Eye contact:

Rinse out with plenty of water for at least 30 minutes with the eyelid held wide open. Consult an ophthalmologist if the irritation persists.

Ingestion:

DO NOT INDUCE VOMITING: seek medical or poison center advice immediately.

Move the person who is vomiting from his back onto his side.

Self-protection of the first aider:

When providing first aid, protect yourself against the exposure to chemicals or blood-borne diseases wearing gloves, masks as well as eye protection equipment. After performing first aid, wash the exposed skin with soap and water.

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

See section 11.

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

Note to physician: 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: full water jet.

5.2. Special hazards arising from the substance or mixture

For more information, see section 10.

5.3. Advice for firefighters

It is recommended to wear self-contained breathing apparatus. Water can splash close elements. Use water to cool exposed containers.

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

Do not eat, drink or smoke when using this product.

Keep containers closed when unused. Do not discharge into drains or the environment, dispose of this product to an officially approved waste collection center. Use appropriate containment to avoid environmental contamination. Avoid skin contact. Wash thoroughly after handling. Wash contaminated clothing before reuse. Empty containers retain product residue that may present product hazards. Dispose of packaging and containers according to local, regional, national and international regulations.

Pumping temperature

Ambient

Maximal handling temperature

70 °C, 158 °F

Maximal loading temperature

Not identified

7.2. Conditions for safe storage, including any incompatibilities

Take precautions to avoid all release in the environment. To know incompatible materials, see section 10.

Maximal preservation temperature

45 °C, 113 °F

7.3. Specific end use(s)

No other important information available.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit values:

Where conditions are created for the formation of mists, check the PEL of 5 mg by cubic meter of OSHA and TWA of 5mg by cubic meter of ACGIH to control possible oil mists.

Recommended control procedures: this product contains ingredients presenting exposure limits, the working atmosphere or living organisms can be necessary to determine the efficiency of ventilation or other control measures and/or the necessity to use breathing apparatus. It is worth to mention to the European EN 689 norm referring to methods to evaluate the exposure by inhalation to chemical agents and to documents of general national policy referring to methods to determine hazardous substances.

8.2. Exposure controls

The appropriate control measures for a particular workplace depend on the way the product is used and on potential exposure.

Personal protective equipment:

The product must be handled in closed containers and equipment, in which case mechanical local ventilation should be sufficient. Local exhaust ventilation should be used in places where dusts, mists, steam or gas may leak in the local atmosphere.

Eye/face protection

Goggles.

Skin protection

Nitrile.

Long sleeve shirts are recommended. Use a chemical protection apron if contact with this product can happen. When working with the product heated, use an insulated apron or an insulated chemical protection garment. Wash the contaminated clothing before reuse.

Breathing protection

Use a respirator combined with an organic vapor cartridge as well as a very efficient filter if the exposure limit recommended is exceeded.

Use an insulated breathing apparatus to penetrate in confined space and other spaces poorly ventilated and for decontamination zones where big quantities have been spread.

Hygiene measures

Wash yourself thoroughly after handling this product.

Environmental exposure controls

For more details, see section 6

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. Appearance

Aspect: Liquid

Density at 20°C (g/cm³): 0,85

Colour: Ambre

Viscosity at 40°C (mm²/s): 70

Smell: oil feature

Flash point (closed beaker) (°C): > 170°C

Flow point (°C): 234

Ignition temperature: Not identified.

Steam pressure at 20°C: Not identified.

Partition coefficient (n-octanol/water): Not identified.

Explosive properties: This product is not known to be explosive.

Oxidizing properties: This product is a non-oxidizing substance.

9.2. Other information

No other important information available.

SECTION 10 - STABILITY AND REACTIVITY

10.1. Reactivity

Carefully consider all information provided in sections 10.2 to 10.6.

10.2. Chemical stability

This product is normally stable with low temperatures and is not decomposed by water.

10.3. Possibility of hazardous reactions

Dangerous reactions: none when used normally.
Dangerous properties: none when used normally.

10.4. Conditions to avoid

High temperature. Excessive heat.

10.5. Incompatible materials

Strong acids. Oxidizing agents.

10.6. Hazardous decomposition products

Smoke, carbon monoxide, carbon dioxide, aldehydes and other products with incomplete combustion.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information relating to the product

Not data available on the product itself

Toxicological information relating to ingredients.

Dec-1-ene, homopolymer, hydrogenated

Acute toxicity

The LD50 on rats is > 5000 mg/Kg.

The CL50 on the rat is > 5.2 mg/Kg.

Corrosion / skin irritation

Not available

Breathing or cutaneous sensitization

Not available

Mutagenicity

No component in this product with levels higher than 0.1% is classified as mutagenic according to current regulatory criteria.

Carcinogenicity

No component in this product with levels higher than 0.1% is classified as carcinogenic by the American Conference of Governmental Industrial Hygienists (ACGIH), the International Agency for Research on Cancer (IARC) or the European Commission (EC).

Genital toxicity

No known significant effects or critical hazards.

Teratogenicity

No component in this product with levels higher than 0.1% is classified according to regulatory criteria amongst teratogenic or embryotoxic substances.

Petroleum base oil**Acute toxicity**

Very low toxicity:

DL50/oral/rat = > 5000 mg/kg (OECD 401).

DL50/cutaneous/rabbit = > 2000 mg/kg (OECD 402).

CL50/inhalation/4h/rat = > 5.53 mg/L (OECD 403).

Irritation and corrosion

Not classified (OECD 404, 405). The mineral oil mist may irritate eyes and breathing apparatus.

Prolonged and frequent contact may dry and irritate the skin and cause a rash.

Sensitisation

No skin sensitizer (OECD 406)

Subacute and subchronic long term toxicity

Not classified as carcinogenic for human. (OECD 451, 453).

Not toxic for reproduction (OECD 421).

Damage to fetus not classifiable (OECD 414).

Genotoxicity tests (in vitro and in vivo) have been negative. (OECD 471, 473, 474, 476)

Specific toxicity for some target organs – unique exposure

No known effect.

Specific toxicity for some target organs – repeated exposure

No known effect.

Aspiration hazard

Aspiration into the lungs can cause chemical pneumonitis that can be fatal.

Other information about acute toxicity

Toxicological data have been taken from products with similar composition.

Used mineral oils may contain an accumulation of contaminants dangerous for health and the environment.

bis(nonylphenyl)amine:**Acute toxicity by oral route**

DL50 Rat: > 5.000 mg/kg Method: OCDE guideline 401

Test material: crossed references

Comments: taking into consideration the available data, classification criteria are not met.

Acute toxicity by inhalation: study scientifically not justified.

Acute toxicity by cutaneous route

DL50 Rat: > 2.000 mg/kg Method: OCDE guideline 402

Test material: crossed references

Comments: taking into consideration the available data, classification criteria are not met.

Cutaneous corrosion/cutaneous irritation

Specie: rabbit Result: By skin irritation Method: OCDE guideline 404

Test material: yes

Taking into consideration the available data, classification criteria are not met.

Eye injury/eye irritation

Specie: rabbit Result: No eyes irritation Method: OCDE guideline 405

Test material: yes

Taking into consideration the available data, classification criteria are not met.

Breathing or cutaneous sensitization

Test material: Maximization test (GPMT) Specie: Guinea pig

Result: no skin sensitizing. Method: OCDE guideline 406

Test material: crossed references

Taking into consideration the available data, classification criteria are not met.

Mutagenicity on germ cells

In vitro genotoxicity: Result: negative

Test material: crossed references

Taking into consideration the available data, classification criteria are not met.

In vivo genotoxicity: Specie used for the test: mouse

Test material: crossed references

Result: negative

Taking into consideration the available data, classification criteria are not met.

Carcinogenicity: study scientifically not justified.

Toxicity for reproduction

Test material: crossed references

Taking into consideration the available data, classification criteria are not met.

Specific toxicity for some target organs – unique exposure

Comments: Taking into consideration the available data, classification criteria are not met.

Specific toxicity for some target organs – repeated exposure

Comments: Taking into consideration the available data, classification criteria are not met.

Aspiration hazard: taking into consideration the available data, classification criteria are not met.

phosphorodithioic acid, mixture of esters O,O-bis(dimethyl-1,3 butyl and isopropyl), zinc salts:

Acute toxicity by oral route

DL50: 3.150 mg/kg Method: OCDE guideline 401

Test material: yes

Comments: May be harmful if swallowed.

Cutaneous corrosion/cutaneous irritation

Duration of exposure: 4 h Result: Causes cutaneous irritation. Method: OCDE guideline 404 Test material: yes

Causes cutaneous irritation.

Important eye injury/eye irritation

Duration of exposure: 504 h Result: Causes serious eye damage. Method: 16 CFR 1500.42 Test material: yes

Causes serious eye damage.

Carcinogenicity: Data not available

SECTION 12 - ECOLOGICAL INFORMATION

12.1. Toxicity

Information concerning the product

No data available for the product itself

Information concerning the ingredients.

Dec-1-ène, homopolymer, hydrogenated

EL50 >1000 mg/l WAF Daphnia 48 hours

LL50 >1000 mg/l Fish 96 hours

NOELR 1000 mg/l WAF Aquatic plants 72 hours

NOELR 125 mg/l WAF Daphnia 21 days

NOEC 2 mg/l Micro-organism 28 days

Petroleum base oil

Very low toxicity:

Acute toxicity for aquatic environment

fish: LL50/96h > 100 mg/L; NOEL/96h >= 100 mg/L (OECD 203)

shellfish: EL50/24-48h; NOEL/48-96h; LL50/24-96h > 10 000 mg/L (OECD 202)

seaweed: NOEL/72h >= 100 mg/L (OECD 201)

Chronic toxicity for the aquatic environment

shellfish: NOEL/21d = 10 mg/L (OECD 211)

Toxicity towards other organisms

Very low toxicity. Toxicity for microorganisms: NOEL/10min > 1.93 mg/L (DIN 38412, DIN38409)

bis(nonylphenyl)amine :

Toxicity for the fishes: CL50 (Danio rerio (zebra fish)): > 100 mg/l Duration of exposure: 96 h

Testing method: Static test

Test material: Crossed references Method: OCDE guideline 203

Taking into consideration the available data, classification criteria are not met.

Toxicity for daphnia and other aquatic invertebrates: CE50 (Daphnia magna (Great daphnia)): > 100 mg/l

Duration of exposure: 48 h

Testing method: Static test

Test material: yes Method: OCDE Guideline 202

Taking into consideration the available data, classification criteria are not met.

Toxicity for seaweed: CE50 (Desmodesmus subspicatus (green algae)): > 100 mg/l Duration of exposure: 72 h

Testing method: Static test

Test material: Crossed references

Method: OCDE Guideline 201

Taking into consideration the available data, classification criteria are not met.

phosphorodithioic acid, mixture of esters O,O-bis(dimethyl-1,3 butyl and isopropyl), zinc salts:

Toxicity for fishes: CL50 (Oncorhynchus mykiss (Rainbow trout)): 4,5 mg/l Duration of exposure: 96 h Testing method: Semi-static test

Test material: yes

Method: OCDE guideline 203

Toxic for aquatic organisms.

Toxicity for daphnia and other aquatic invertebrates: EL50 (Daphnia magna (Great daphnia)): 23 mg/l Duration of exposure: 48 h

Testing method: Static test

Test material: yes

Method: OCDE guideline 202

Toxic for aquatic organisms.

Toxicity for seaweed: CE50 (Desmodesmus subspicatus (green algae)): 21 mg/l Duration of exposure: 72 h

Testing method: Static test

Test material: yes

Method: OCDE guideline 201 Harmful for aquatic organisms.

Toxicity for bacteria: CI50: 10.000 mg/l Duration of exposure: 3 h

Testing method: Respiration inhibition

Test material: yes Toxicity for daphnia and other aquatic invertebrates (Chronic toxicity): NOEC: 0,4 mg/l

Duration of exposure: 21 days Specie: Daphnia magna (Great daphnia) Test material: yes

12.2. Persistence and degradability

Dec-1-ène, homopolymer hydrogenated

Not easily biodegradable

Petroleum base oil

Not easily biodegradable (OECD301B).

bis(nonylphenyl)amine :

Biodegradability: aerobic activated sludge

Result: Is not biodegradable.

Biodegradation: 1 % Duration of exposure: 28 days Test material: Crossed references According to the biodegradability tests this product is not easily biodegradable.

phosphorodithioic acid, mixture of esters O,O-bis(dimethyl-1,3 butyl and isopropyl), zinc salts:

Biodégradability : aerobic activated sludge Concentration: 10 mg/l

Result: Hardly biodegradable.

Biodegradation: 1,5 % Duration of exposure: 28 days Method: OCDE Guideline 301 B

Test material: yes

According to the biodegradability tests this product is not easily biodegradable.

Water stability: Hydrolyse: 6,6 % à 50 °C (120 h) pH: 7

Test method: yes

Method: OCDE Guideline 111

Hydrolysis: 0 % at 50 °C(120 h) pH: 4

Test method: yes

Method: OCDE guideline 111

Hydrolysis: 0 % at 50 °C(120 h) pH: 9 Test material: yes Method: OCDE guideline 111

12.3. Bioaccumulative potential

Dec-1-ène, homopolymer hydrogenated

FBC > 10. Low potential

Petroleum base oil

Hydrocarbons (base-oil) may accumulate (log Kow > 6).

bis(nonylphenyl)amine :

Bioaccumulation: An accumulation in aquatic organisms is likely.

Partition coefficient: n-octanol/water: log Pow: > 7,6

phosphorodithioic acid, mixture of esters O,O-bis(dimethyl-1,3 butyl and isopropyl), zinc salts:

Bioaccumulation: Test method: Crossed references. Due to the partition coefficient n-octanol/water, it cannot be expected an accumulation in the organism

Partition coefficient: n-octanol/water: log Pow: 0,56

12.4. Mobility in soil

This product is insoluble in water and mainly non volatile. This product may penetrate in soil until reaching the surface of ground waters. The degradation operates extremely slowly in anaerobic conditions. The hydrocarbons (base oil) may be absorbed on soil organic matter or sediments (log Kow > 6).

12.5. Results of PBT and vPvB assessment

Not available

12.6. Other adverse effects

No other important 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: Not regulated

14.2. UN proper shipping name

· ADR

Not regulated

· IMDG

Not regulated

· IATA

Not regulated

14.3. Transport hazard class(es)

· ADR

Not regulated

· IMDG, IATA

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental hazards



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Not applicable

14.6. Special precautions for user

Individual precautions: The driver should not take action in case of cargo fire.

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 identified.

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.

SECTION 16 - OTHER INFORMATION

Modifications indications

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Symbols and hazard phrases used in this document section 3:

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H411 - Toxic to aquatic life with long lasting effects.

H413 - May cause long lasting harmful effects to aquatic life.

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