SAFETY DATA SHEET



According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended

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

1.1. Product identifier

Trade name or designation

of the mixture

RP RACING 4T 10W-40

Registration number

None. **Synonyms Product code** RP 2000M Issue date 12-April-2021

Version number 01 **Revision date** Supersedes date

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

Identified uses Automotive applications.

All other uses. Uses advised against

1.3. Details of the supplier of the safety data sheet

REPSOL LUBRICANTES Y ESPECIALIDADES, S.A. Company name

Address Méndez Álvaro, 44 28045 - MADRID, Spain

+34 917538000 /+34 917538100 Telephone

+34 902303145 Fax

Email address FDSRLESA@repsol.com

1.4. Emergency telephone number

+34 91 114 2520 / +44 1235 239670 Carechem 24

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

None. Hazard pictograms Signal word None.

The mixture does not meet the criteria for classification. **Hazard statements**

Precautionary statements

Not assigned. Prevention Response Not assigned. **Storage** Not assigned. Disposal Not assigned.

Supplemental information on

the label

EUH210 - Safety data sheet available on request.

2.3. Other hazards This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII.

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU)

2018/605 at levels of 0.1% or higher.

Please refer to Sections 5, 6 and 7 of this SDS for information on other hazards, different from classification hazards but which may contribute to the overall hazards of the product.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Distillates (petroleum), hydrotreated heavy paraffinic	4 - 9	64742-54-7 265-157-1	01-2119484627-25-XXXX	649-467-00-8	
Classification:	Asp. Tox.	1;H304			L
Mineral oil*	1 - 5	-	-	-	
		-			
Classification:	Asp. Tox.	1;H304			
Bis(nonylphenyl)amine	1 - 2	36878-20-3	01-2119488911-28-XXXX	-	
		253-249-4			
Classification:	Aquatic Ch	ronic 4;H413			

Composition comments

IP346 method DMSO extract for base oil substances: <3.0%.

*The mineral oil contained may be described by one or more of the following:

CAS 64742-54-7, Registration No. 01-2119484627-25, Destillates (petroleum), hydrotreated heavy paraffinic; - CAS 64742-65-0, Registration No. 01-2119471299-27, Distillates (petroleum), solvent dewaxed heavy paraffinic; - CAS 64742-55-8, Registration No. 01-2119487077-29, Distillates (petroleum), hydrotreated light naphthenic; - CAS 64742-56-9, Registration No. 01-

2119480132-48, Distillates (petroleum), solvent-dewaxed light paraffinic.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Wash off with soap and water. Get medical attention if irritation develops and persists. Skin contact Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if

irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and

delayed

Exposure may cause temporary irritation, redness, or discomfort.

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

SECTION 5: Firefighting measures

General fire hazards

Will burn if involved in a fire.

5.1. Extinguishing media

Suitable extinguishing

media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed such as: Carbon monoxide, carbon dioxide, oxides of sulphur, zinc and phosphorus.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures

Move containers from fire area if you can do so without risk.

Use standard firefighting procedures and consider the hazards of other involved materials. Specific methods

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid breathing mist/vapours. Follow standard emergency procedure. Wear appropriate personal protective equipment (See Section 8).

For emergency responders

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Avoid breathing mist/vapours. Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up Avoid discharge into drains, water courses or onto the ground.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe

handling

Ensure safe systems of work or equivalent arrangements are in place to manage risks. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

Store in tightly closed container. Store away from incompatible materials (see section 10 of the

Automotive applications.

SECTION 8: Exposure controls/personal protection

.

8.1. Control parameters

Occupational exposure limits

Product	Type	Value	Form	
Oil mist, mineral	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring

procedures

Follow standard monitoring procedures.

Derived no effect levels (DNELs)

General Population

Components	Value	Assessment factor	Notes
Bis(nonylphenyl)amine (CAS 3	36878-20-3)		
Long-term, Systemic, Der	mal 2,5 mg/kg bw/day	400	Repeated dose toxicity
Long-term, Systemic, Ora	l 0,25 mg/kg bw/day	400	Repeated dose toxicity
<u>Workers</u>			
Components	Value	Assessment factor	Notes
Bis(nonylphenyl)amine (CAS 3	36878-20-3)		
Long-term, Systemic, Der	mal 5 mg/kg bw/day	200	Repeated dose toxicity
edicted no effect concentration	ns (PNECs)		
Components	Value	Assessment factor	Notes
Bis(nonylphenyl)amine (CAS 3	36878-20-3)		
Freshwater	0,412 mg/l	10	
Marine water	0,041 mg/l	100	
Sediment (freshwater)	1 mg/kg	100	
Sediment (marine water)	0,1 mg/kg	1000	
posure guidelines	Provide adequate ventilation.		

8.2. Exposure controls

Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information

The choice of the most appropriate personal protective equipment in each case depends, among other factors, on the nature of the work to be done and the conditions in which it is carried out. To do so, take the relevant risk analyses into account and consult the safety officer and/or equipment suppliers, if necessary, to make the right choice. In any case, the equipment must comply with the currently applicable CEN standards. Workers using this equipment must have received the required training in the use of the same.

Eye/face protection Wear safety glas

Wear safety glasses with side shields (or goggles). Eye protection should meet standard EN 166.

Skin protection

- Hand protection Wear appropriate chemical resistant gloves. Always wear chemical-resistant protective gloves that

comply with EN 374 to handle this product. Observe good industrial hygiene practices and wash gloves with soap and water before removing them. Assess the working conditions and always consult your glove supplier for information on the most suitable type of glove for each task and the required material, thickness, and breakthrough time specifications. The use of type-B gloves in accordance with EN 374 is recommended as a minimum protection against intermittent or splash contact. Consult your supplier to find the most suitable option for the product in question. The requirements of EN 388 must be taken into account for applications involving mechanical hazards with the risk of abrasion or incision. The requirements outlined in EN 407 must be taken into

consideration for tasks involving thermal hazards.

Other Wear suitable protective clothing.

Respiratory protection In case of inadequate ventilation or risk of inhalation of oil mist, suitable respiratory equipment with

combination filter (type A2/P2) can be used. Respiratory protection should meet standard EN 14387. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection. Appropriate respirator selection should be made by a

qualified professional.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures Always observe good personal hygiene measures, such as washing after handling the material

and before eating, drinking, and/or smoking. Routinely wash work clothing and protective

equipment to remove contaminants.

Environmental exposure

controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to

acceptable levels.

Product should not reach the environment through wastewater or sewage. Measures to take in

case of accidental release can be found in Section 6 of this SDS.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical stateLiquid.FormLiquid.

Colour 2.5 (ASTM D-1500)

Odour Characteristic.

Melting point/freezing point -42 °C (-43,6 °F)

Boiling point or initial boiling

point and boiling range

Property has not been measured.

Flammability Will burn if involved in a fire.

Lower and upper explosion limit

Explosive limit - lower (%) Property has not been measured.

Explosive limit - upper Property has not been measured.

(%)

Flash point > 225,0 °C (> 437,0 °F)

Auto-ignition temperature Property has not been measured.

Decomposition temperature Not applicable as the product is not unstable.

pH Material is non soluble in water.

Kinematic viscosity 13 mm²/s (100 °C (212 °F))

83 mm²/s (40 °C (104 °F))

Solubility

Solubility (water) < 0,1 % Insoluble (in water).

Partition coefficient Not applicable, product is a mixture.

n-octanol/water (log value)

Vapour pressure Property has not been measured.

Density and/or relative density

Density 0,86 g/cm³
Relative density 0,856

Vapour density Property has not been measured.

Particle characteristics Not applicable (the material is a liquid).

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No relevant additional information available.

9.2.2. Other safety characteristics

No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous decomposition products No hazardous decomposition products are known.

SECTION 11: Toxicological information

Occupational exposure to the substance or mixture may cause adverse effects. **General information**

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Skin contact

Direct contact with eyes may cause temporary irritation. Eye contact

Ingestion Expected to be a low ingestion hazard.

Exposure may cause temporary irritation, redness, or discomfort. **Symptoms**

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

Acute toxicity

Product Species Test Results

RP RACING 4T 10W-40 (CAS Mixture)

Acute

Dermal

ATE > 2000 mg/kg

Components Species **Test Results**

Bis(nonylphenyl)amine (CAS 36878-20-3)

Acute Oral

LD50 Rat > 5000 mg/kg

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

Acute

Dermal

LD50 Rabbit > 2000 mg/kg

Inhalation

Aerosol

LC50 Rat > 5,53 mg/l, 4 Hours

Oral

Rat LD50 > 5000 mg/kg

Based on available data, the classification criteria are not met. Skin corrosion/irritation Serious eye damage/eye

irritation

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

Respiratory sensitisation Due to partial or complete lack of data the classification is not possible. Skin sensitisation Due to partial or complete lack of data the classification is not possible. Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible. Due to partial or complete lack of data the classification is not possible. Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Highly refined mineral oil (CAS -) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity -

single exposure

Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity -

repeated exposure

Due to partial or complete lack of data the classification is not possible.

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

Mixture versus substance

information

No information available.

11.2. Information on other hazards

Endocrine disrupting

properties

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU)

2018/605 at levels of 0.1% or higher.

Other information Prolonged or repeated contact with used oil may cause serious skin diseases.

Unless otherwise stated, the health effects of this product are assessed on the basis of the

applicable calculation methods for classification.

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met for hazardous to the aquatic

environment.

Components **Test Results Species**

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)

Aquatic

Acute

Algae **NOEL** Pseudokirchneriella subcapitata > 100 mg/l, 72 hours Crustacea EL50 Daphnia magna > 1000 mg/l, 48 hours Fish LL50 Pimephales promelas > 100 mg/l, 96 hours

12.2. Persistence and degradability

No data is available on the degradability of this product.

No data available. 12.3. Bioaccumulative potential

Partition coefficient

n-octanol/water (log Kow)

Not available.

Bioconcentration factor (BCF) Not available. 12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB

assessment

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation

(EC) No 1907/2006, Annex XIII.

12.6. Endocrine disrupting

properties

The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU)

2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects Oil spills are generally hazardous to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number Not regulated as dangerous goods. Not regulated as dangerous goods. 14.2. UN proper shipping

14.3. Transport hazard class(es)

Not assigned.

Subsidiary risk

Hazard No. (ADR) Not assigned.

Tunnel restriction code Not assigned.

14.4. Packing group Not assigned.

14.5. Environmental hazards No.

14.6. Special precautions Not assigned.

for user

RID

14.1. UN number14.2. UN proper shippingNot regulated as dangerous goods.Not regulated as dangerous goods.

name

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary risk

14.4. Packing group Not assigned.

14.5. Environmental hazards No.

14.6. Special precautions Not assigned.

for user

ADN

14.1. UN number Not regulated as dangerous goods.14.2. UN proper shipping Not regulated as dangerous goods.

name

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary risk -

14.4. Packing group Not assigned.

14.5. Environmental hazards No.

14.6. Special precautions Not assigned.

for user

IATA

14.1. UN number Not regulated as dangerous goods.14.2. UN proper shipping Not regulated as dangerous goods.

name

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary risk

14.4. Packing group Not assigned.

14.5. Environmental hazards No.

14.6. Special precautions Not assigned.

for user

IMDG

14.1. UN number Not regulated as dangerous goods.14.2. UN proper shipping Not regulated as dangerous goods.

name

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary risk

14.4. Packing group Not assigned.

14.5. Environmental hazards

Marine pollutant No.

EmS Not assigned.

14.6. Special precautions Not assigned.

for user

14.7. Maritime transport in bulk Not applicable.

according to IMO instruments

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP

Regulation) as amended.

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as

amended.

National regulations Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as

amended.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland

Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstract Service.

CEN: European Committee for Standardization.

EL50: Effective level, 50%.

IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods. IMO: International Maritime Organization.

LD50: Lethal Dose, 50%. LL50: Lethal level, 50%.

NOEL: No Observed Effect Level.

NOELR: No Observed Effect Loading Rate PBT: Persistent, bioaccumulative and toxic.

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.

STEL: Short term exposure limit. TWA: Time Weighted Average.

vPvB: Very persistent and very bioaccumulative.

References ECHA CHEM

HSDB® - Hazardous Substances Data Bank

IARC Monographs. Overall Evaluation of Carcinogenicity

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation

methods and test data, if available.

Full text of any H-statements not written out in full under

Sections 2 to 15 H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.

Training information Follow training instructions when handling this material.

Disclaimer

This Safety Data Sheet (SDS) refers exclusively to the substance/product specified in section 1 of this document.

The information provided in this SDS has been obtained according to the best information available on the basis of technical data that is considered reliable at the time of its preparation, and in accordance with the legal requirements in force concerning classification, packaging and labelling of dangerous substances, not involving the granting of any express or implied warranty or on the accuracy of the information contained therein or concerning its suitability for a particular use or specification.

The purchaser as the recipient of the substance/product specified in section 1 of this document to which this Safety Data Sheet (SDS) refers, is responsible for evaluating the information contained in the SDS, and for verifying that it is correct and appropriate for the intended use of the substance/product specified in section 1 of this document.

The purchaser, as the recipient of the substance/product specified in section 1 of this document referred to in this Safety Data Sheet (SDS) is also responsible for adequately managing the risks thereof in its place of work. Consequently, the purchaser is obliged, regarding its workers and representatives, as well as any other person who may handle, use or be exposed to the substance/product specified in section 1 of this document in their place of work to (i) facilitate access to the relevant information in this Safety Data Sheet (SDS), transmitting for this purpose the relevant indications included in the SDS, especially those relating to the risks of the product/substance specified in section 1 of this document for the safety and health of persons and for the environment. As well as (ii) ensuring that they receive and have adequate training in handling, using or being exposed to the product/substance specified in section 1 of this document in accordance with the guidance contained in the SDS.

Accordingly, no liability for damages to the recipient of the SDS arising out of the use of the information or the use of the substance/product specified in section 1 of this document shall be accepted.