



INFORMATION NOTE ABOUT PRODUCT SAFETY

REPSOL CARTAGO TRACCION INTEGRAL EP 75W90

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

1.1 Product identifier

Commercial name	REPSOL CARTAGO TRACCION INTEGRAL EP 75W90
Chemical name	Lubricating oil.
Synonyms	N/A
CAS	N/A
EC (EINECS)	N/A
Index No (annex VI Regulation EC No 1272/2008)	N/A
Registration Number	N/A
Authoritation Number	N/A
Material Code	RP024C

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

Automotive applications.

1.3 Details of the supplier of the information note about product safety

Company	REPSOL LUBRICANTES Y ESPECIALIDADES, S.A.
Address	Méndez Álvaro, 44 28045 - MADRID, Spain
Phone	+34 917538000 /+34 917538100
Fax	+34 902303145
e-mail address	FDSRLESA@repsol.com

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture	2.2 Label elements	
CLASSIFICATION (Dir.67/548/CEE o Dir.1999/45/CE)	LABELLING	
N/A	Symbols	N/A
	N/A	
	Phrases R	N/A

INFORMATION NOTE ABOUT PRODUCT SAFETY

	Phrases S	Contains Polysulfides,-di-tert-Bu- ; Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl . May produce an allergic reaction.
CLASSIFICATION Reg.(CE)1272/2008(CLP)	LABELLING	
N/A	Pictograms	
	N/A	
	Signal word	N/A
	Hazard statements	N/A
	supplemental information	EUH208: Contains Polysulfides,-di-tert-Bu- ; Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl . May produce an allergic reaction.
	Precautionary statements	N/A

2.3 Other hazards

Results of the assessment of PBT and vPvB in the product, in accordance with the criteria set out in Annex XIII of REACH, can be found in Section 12.5 of this information note about product safety.

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

SECTION 3. Composition/information on ingredients

Transmission oil.

The classification and labelling of the product have been performed in accordance with the information contained in the MSDS of supplier Lubrizol and supplementary information from tests performed by the same supplier provided in a report dated 02/02/2015, reference number EFI-346/2015/issue 02.

Dangerous components (Dir. 67/548/CEE)	Concentration (%)	CLASSIFICATION
Polysulphides, di-tert-butyl CAS : 68937-96-2 EC (EINECS) : 273-103-3 Registration Number : 01-2119540515-43-XXXX	3,5	Xi; R38-R43 R52/53

INFORMATION NOTE ABOUT PRODUCT SAFETY

Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl EC (EINECS): 931-384-6 Registration Number: 01-2119493620-38-XXXX	1,4	Xn; R22 Xi, R41 Xi; R43 N; R 51/53
1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol CAS : 91648-65-6 EC (EINECS): 293-927-7 Registration Number: 01-2119976351-35-XXXX	0,1	Xi; R38 N;R52/53
Dangerous components Reg. (CE) 1272/2008 (CLP)	Concentration (%)	Hazard statements
Polysulphides, di-tert-butyl CAS: 68937-96-2 EC (EINECS): 273-103-3 Registration Number: 01-2119540515-43-XXXX	3,5	H317, H412
Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl EC (EINECS): 931-384-6 Registration Number: 01-2119493620-38-XXXX	1,4	H302, H317, H318, H411
1,3,4-Thiadiazolidine-2,5-dithione, reaction products with hydrogen peroxide and tert-nonanethiol CAS: 91648-65-6 EC (EINECS): 293-927-7 Registration Number: 01-2119976351-35-XXXX	0,1	H412

SECTION 4. First aid measures
4.1. Description of first aid measures

Inhalation: In case of inhalation, move the affected person to an area of fresh air.
Administer oxygen if necessary.
Seek medical care.

Ingestion/Aspiration: Do not induce vomiting.
If conscious, have the victim drink water.
Seek medical care.

Contact skin: Remove contaminated clothing.
Wash with soap and plenty of water.
Call for medical attention.

INFORMATION NOTE ABOUT PRODUCT SAFETY

Contact eyes: Wash with soap and plenty of water.

In case of contact with eyes wash, with plenty of water for at least 15 minutes.

Call for medical attention.

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

Inhalation: Repeated and prolonged exposures to high concentrations of vapor result in central nervous system damage and may cause cardiac irregularities.

In low areas or confined spaces, vapors may cause asphyxia.

Ingestion/Aspiration: Intestinal absorption is very limited.

Accidental intake of large amounts causes irritation of the gastrointestinal tract, nausea, vomiting and diarrhea.

Contact skin: Skin toxicity is very low in short contacts.

Prolonged contact with eyes may produce stinging, irritation, and dermatitis due removal of natural fats from skin.

Contact eyes: Skin toxicity is very low in short contacts.

Contact with eyes may cause irritation.

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

Seek medical care.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray, CO₂, foam and dry chemical powder.

Unsuitable extinguishing media: Water applied directly in jet stream may disperse the product.

5.2. Special hazards arising from the substance or mixture

Combustion products: CO₂, H₂O, CO (in the absence of air), SO₂, NO_x, PO_x.

Special measures: Not required.

Special hazards: N/A

5.3. Advice for firefighters:

Clothing and gloves resistant to fire and SCBA.

INFORMATION NOTE ABOUT PRODUCT SAFETY

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid prolonged contact with product or contaminated clothes, and avoid inhalation of vapors.
Contaminated clothing should be discarded.

Personal protection: During the cleaning operation, wear suitable protective clothing, gloves, and safety goggles.

6.2. Environmental precautions

Serious physical contamination hazard if released (coasts, soils, etc.) Due to its floating capacity and oily consistency, which may cause damage to fauna and flora upon contact. Prevent flow into drainages, waterways or water sources.

6.3. Methods and material for containment and cleaning up

Treat as an accidental oil spill.
Avoid dispersion using mechanical barriers and eliminate using physical or chemical means.

6.4. Reference to other sections

Section 8 contains more detailed advice on personal protective equipment and section 13 on waste disposal.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

General precautions: Avoid prolonged contact with the product and prolonged inhalation of vapors or mists from the product.
During transfer avoid contact with air, use properly grounded pumps and connections to prevent generation of electrostatic charges.
In case of air pollution in the place of production or work, air must be filtered before discharge.

Specific conditions: Safety goggles or face-shield and gloves are recommended to protect from splashes.
Do not cut nor weld in areas close to filled tanks.
Follow similar precautions with empty containers.
Before making any repairs to a tank, make sure it is properly drained and washed and check inside for explosive atmosphere.

7.2. Conditions for safe storage, including any incompatibilities

Temperature and decomposition products: The incomplete combustion of the product can produce CO and other asphyxiating substances.

INFORMATION NOTE ABOUT PRODUCT SAFETY

Dangerous reactions: N/A

Storage conditions: Drums properly sealed in cool and ventilated places.
Do not smoke, weld or do any work which can produce flames or sparks in storage area.

Incompatible materials: Strong oxidizing substances.

7.3. Specific end use(s)

See section 1 or exposure scenario

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Mineral oil mists INSHT (Spain):VLA-ED: 5 mg/m ³ / VLA-EC: 10 mg/m ³ ACGIH(USA): TLV-TWA:5 mg/m ³ .
--

DNEL N/A

PNEC N/A

8.2 Exposure controls

Avoid contact with the product and inhalation of product mists and vapors. Local exhaust ventilation (LEV) close to generation point.

Individual protection measures, such as personal protective equipment

Respiratory protection: Low vapor pressure; the product is slightly volatile at room temperature and does not have special risks. In presence of heated oils, wear protective masks to avoid inhalation of vapors or mists.

Skin protection: Gloves (polyethylene, polyvinyl chloride and neoprene; do not use natural rubber or butyl).

Eye/face protection: Goggles to protect from splashes.

Other protective equipment: Showers and eye-washers in the work area.

Specific hygiene measures: Contaminated footwear should be discarded. Contaminated clothing should not be taken home for laundering with other clothing. Regular changing of underwear is also important to avoid possible penetration from outer clothing. Washing/Showering facilities with a non-solvent based skin cleanser, hot water and soap must be provided and used. Use skin reconditioning cream after work.

Medical Conditions Aggravated by Exposure: Respiratory tract deficiencies and dermatological problems.

INFORMATION NOTE ABOUT PRODUCT SAFETY

Environmental exposure controls:

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 information note about product safety.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Transparent.

Odour: N/A

Odour threshold : N/A

Colour: 2.5 max. (ASTM D-1500)

pH: N/A

Melting point/freezing point : -40°C max. (ASTM D-97)

Initial boiling point and boiling range : N/A

Flash point : 142 °C min. (ASTM D-92)

Evaporation rate : N/A

Flammability (solid, gas) : N/A

Upper/lower flammability or explosive limits : N/A

Vapour pressure : N/A

Vapour density : N/A

Density : 0.865 g/cm³ typical at 15°C (ASTM D-4052)

Solubility(ies) : N/A

Partition coefficient: n-octanol/water : N/A

Auto-ignition temperature : N/A

Decomposition temperature : N/A

Viscosity : (100°C) 16 cSt typical (40°C) 90 cSt typical

Explosive properties : N/A

Oxidising properties : N/A

9.2 Other information

N/A

SECTION 10. Stability and reactivity

10.1. Reactivity: N/A

10.2. Chemical stability: Stable product at room temperature.

10.3. Possibility of hazardous reactions: The strong oxidants react in contact with oils and organic matter in general.

10.4. Conditions to avoid: Exposure to open flames.

10.5. Incompatible materials: N/A

10.6. Hazardous decomposition products: The incomplete combustion of the product can produce CO and other asphyxiating substances.

INFORMATION NOTE ABOUT PRODUCT SAFETY

SECTION 11. Toxicological information

11.1. Information on toxicological effects

The provided toxicological information results from the application of Annexes VII to XI of Regulation 1907/2006 (REACH).

Acute toxicity: N/A

Skin corrosion/irritation: N/A

Serious eye damage/irritation: N/A

Respiratory or skin sensitisation: N/A

Germ cell mutagenicity: N/A

Carcinogenicity: Lubricant base oil. IARC classification: Group 3 (not classifiable as to carcinogenicity in humans)

Product rating corresponds to the comparison of the results from the toxicological studies with the criteria set out in Regulation (EC) No 1272/2008 for CMR, categories 1A and 1B.

Reproductive toxicity: No evidence exists.

STOT-single exposure: N/A

STOT-repeated exposure: N/A

Aspiration hazard: N/A

SECTION 12. Ecological information

12.1. Toxicity: LL50: >1.000 mg/l (lubricant base oils). Dangerous to aquatic life in high concentrations (spills).

12.2. Persistence and degradability: The material is oily and viscous and floats on water. It presents a high physical contamination potential, mainly in sea-spills; destroys small aquatic organisms upon contact and makes living difficult for lower organisms, not allowing the sunlight to reach underlying marine ecosystems, affecting its normal development. Not readily biodegradable.

12.3. Bioaccumulative potential: There are no data to indicate that the product is significantly bioaccumulated by aquatic organisms or incidence in the trophic food web, although it may cause long-term adverse effects in the aquatic environment, due to its high physical contamination potential.

12.4. Mobility in soil: N/A

12.5. Results of PBT and vPvB assessment: This mixture contains no substance considered to be PBT or vPvB.

INFORMATION NOTE ABOUT PRODUCT SAFETY

12.6. Other adverse effects: N/A

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Disposal: Recycle and recover base oils when possible. In landfills and incineration managed by authorized agents. Avoid releasing waste oils to sewers because they can destroy water treatment plant microorganisms.

Handling: Sealed containers. Avoid direct contact with waste.

Provisions: Establishments and companies which recover, dispose, store, transport or handle waste should comply with Dir. 2008/98/EC on waste, or other local, national or community provisions.

SECTION 14. Transport information

14.1. UN number: N/A

14.2. UN proper shipping name: N/A

14.3. Transport hazard class(es): N/A

14.4. Packing group

ADR/RID: Not classified

IATA-DGR: Not classified

IMDG: Not classified

14.5. Environmental hazards

ADR/RID: N/A

IATA-DGR: N/A

IMDG: N/A

14.6. Transport in bulk in accordance with appendix II of the Marpol agreement 73/78 and the IBC code

No category assigned for the IBC code.

14.7. Special precautions for user

Stable at room temperature and during transport. Store in cool areas.

SECTION 15. Regulatory information

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

INFORMATION NOTE ABOUT PRODUCT SAFETY

mixture

Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 concerning Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
Dir.67/548/EEC on classification, packaging and labeling of dangerous substances (including amendments and adaptations in force).
Dir.1999/45/EEC on classification, packaging and labeling of dangerous substances (including amendments and adaptations in force).
Dir.91/689/EEC on hazardous waste/Dir.2008/98/CE waste management.
Royal Decree 363/95: Regulation about notification of new substances and classification, packaging and labelling of dangerous substances.
Royal Decree 255/2003: Regulation about classification, packaging and labelling of dangerous preparations.
European Agreement concerning the international carriage of dangerous goods by road (ADR).
Regulation on the international transport of dangerous goods on the railway. (RID)
International maritime code of dangerous goods. (IMDG)
International Air Transport Association (IATA) regulation pertaining to air shipment.
International Bulk Chemical Code (IBC Code), MARPOL 73/78.

Commission Regulation Other hazards

N/A

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16. Other information

Glossary

CAS: Chemical Abstract Service
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists.
TLV: Threshold Limit Value
TWA: Time Weighted Average
STEL: Short-term Exposure Level
REL: Recommendable Exposure Limit
PEL: Permissible Exposure Limit
INSHT: Instituto Nacional de Seguridad e Higiene en el Trabajo.
VLA-ED: Environmental limit value - daily exposure
VLA-EC: Limit environmental value - short exposure
DNEL/DMEL: Derived no-effect level / Derivation of minimal effects levels
PNEC: Predicted No Effect Concentration
LD50: Lethal Dose Medium
LC50: Lethal Concentration Medium
EC50: Effective Concentration Medium
IC50: Inhibitory Concentration Medium
BOD: Biological Oxygen Demand.
NOAEL: No observable adverse effect level
NOEL: No observed effect level

INFORMATION NOTE ABOUT PRODUCT SAFETY

NOAEC: No observed adverse effect concentration
NOEC: No observed effect concentration
N/A: Not applicable
| : Changes from the last revision

Data Bases consulted

EINECS: European Inventory of Existing Commercial Substances.
TSCA: Toxic Substances Control Act, US Environmental Protection Agency.
HSDB: US National Library of Medicine.
RTECS: US Dept. of Health & Human Services.

R phrases/Hazard Class-and-Category shown in the document

R22: Harmful if swallowed.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R43: May cause sensitization by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
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.
H412: Harmful to aquatic life with long lasting effects.

Purchasing companies have an obligation to ensure that their employees are properly trained on the safe handling and use of the product in accordance with the guidelines contained in this information note about product safety.

Furthermore, companies purchasing this product are required to inform their employees, and individuals who could manipulate or use it within their facilities, about all indications included in the INFORMATION NOTE ABOUT PRODUCT SAFETY, in particular those relating to the product's risks to the health and safety of people and to the environment.

Safety Information Sheet/Fact Sheet prepared in compliance with Article 32 of Regulation (EC) 1907/2006 (REACH), in order to communicate information down the supply chain for substances on their own or in mixtures for which a safety data sheet is not required in the SDS format. Therefore, this document does not constitute a Material Safety Data Sheet (MSDS/SDS) according to Article 31 of REACH, given that for the purposes of REACH, it is not compulsory to provide a MSDS/SDS for the substance or mixture covered under this Safety Information Sheet/Fact Sheet.

The information contained in this Safety Information/Fact Sheet has been prepared by Repsol in accordance with the best available information based on technical data believed to be reliable at the time of issue. Recipients rely on the information at their own risk. Consequently, no aspect of this document should be construed as a recommendation on the use of any substance or mixture, nor as any use recommendation that may be in conflict with existing patents that may cover or protect any substance, mixture or product, or its use. This document does not constitute any license granting, and consequently the recipient is not granted freedom of operation under any patent owned by Repsol (the issuer of this document) or third parties.



INFORMATION NOTE ABOUT PRODUCT SAFETY

All information, and where appropriate, statements or suggestions contained in this Safety Information Sheet/Fact Sheet are exempt from warranty, express or implied, regarding the accuracy of the information, and the risk associated with the use of the same including marketing, fitness for a particular purpose and for any use, or that the use of such information will not infringe any patent. All implied warranties of merchantability or fitness for any purpose are expressly excluded and consequently Repsol assumes no responsibility for the results obtained or for any damage (including damage to people, property and environment) that may arise, in whole or in part, from the use made by the recipient of the information contained therein.