

**SAFETY DATA SHEET**

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product code : 52250
Product name : TRACTION PRO LS 5W30
Product type : Liquid.
Other means of identification / Product description : Not available.

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

Oil for heavy duty diesel engine.

1.3 Details of the supplier of the safety data sheet

Supplier/Manufacturer, Distributor or Importer : CEPSA Comercial Petróleo, S.A.U.
 Torre CEPSA, Paseo de la Castellana 259 A
 28046 Madrid - España
Email : tuteladeproducto@cepsa.com / productstewardship@cepsa.com
Telephone number : +34 913 376 000
Hours of operation : 07:30 - 19:30 (CET)

1.4 Emergency telephone number**Supplier/Manufacturer, Distributor or Importer**

Telephone number : +44 1865 407333 (Europe, English) +44 1235 239670 (Europe, multiple Languages)
 +34 91 114 2520 (Spain) +33 1 72 11 00 03 (France)
 +351 30880 4750 (Portugal) +49 89 220 61012 (Germany)
 0800 000 7801 (Germany) +30 21 1198 3182 (Greece)
 +46 8 566 42573 (Sweden) +47 2103 4452 (Norway)
 +45 8988 2286 (Denmark) +358 9 7479 0199 (Finland)
 +39 800 699 792 (Italy) +48 22 307 3690 (Poland)
 +31 10 713 8195 (Netherlands) +420 228 882 830 (Czechoslovakia)
 +90 212 375 5231 (Turkey)
 +1 866 928 0789, +1 215 207 0061 +1 202 464 2554 (United States and Canada)
 +52 55 5004 8763 (Mexico) +55 11 3197 5891 (Brazil) +56 2 2582 9336 (Chile)
 +44 1235 239671 (Middle East/Africa) +973 1619 8321 (Middle East/Bahrein)
 +27 21 300 2732 (Africa/South Africa) 007 803 011 0293 (Asia East/South East)
 +65 3158 1074 (Indonesia) 001 800 120 666 751 (Tailandia)
 +63 2 8231 2149 (Philippines) +60 3 6207 4347 (Malasia)
 +86 512 8090 3042 (China and Taiwan) +886 2 8793 3212 (Taiwan)
 +86 532 8388 9090 (China Mainland) +91 11 6641 1405 (India)
 +65 3158 1329 (Pakistan) +65 3158 1195 (Sri Lanka)
 +65 3158 1285 (Korea) +82 2 3479 8401 (South Korea)
 +84 8 4458 2388 (Vietnam) 0120 015 230 (Japan)
 +61 2 8014 4558 (Australia) +64 9 929 1483 (New Zealand)

Hours of operation : 24/7

**SAFETY DATA SHEET**

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Product definition** : Mixture**Classification according to** : Not classified.**Regulation (EC) No.**
1272/2008 [CLP/GHS]

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements**Signal word** : No signal word.**Hazard statements** : No known significant effects or critical hazards.**Precautionary statements****General** : P103 - Read label before use.
P102 - Keep out of reach of children.
P101 - If medical advice is needed, have product container or label at hand.**Prevention** : Not applicable.**Response** : Not applicable.**Storage** : Not applicable.**Disposal** : Not applicable.**Supplemental label elements** : EUH210 - Safety data sheet available on request.**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.**Special packaging requirements****Containers to be fitted with child-resistant fastenings** : Not applicable.**Tactile warning of danger** : Not applicable.**2.3 Other hazards****Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.**Other hazards which do not result in classification** : WARNING: If this material overheats, especially in the presence of water can be released hydrogen sulfide, it can cause rapid respiratory collapse, coma and death, without necessarily receiving any warning odor.**SECTION 3: Composition/information on ingredients****3.2 Mixtures** : Mixture



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Type
Distillates (petroleum), hydrotreated heavy paraffinic	REACH #: 01-2119484627-25 EC: 265-157-1 CAS: 64742-54-7 Index: 649-467-00-8	≥50 - ≤75	Asp. Tox. 1, H304	[1]
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	REACH #: 01-2119474878-16 EC: 276-737-9 CAS: 72623-86-0 Index: 649-482-00-X	≤5	Asp. Tox. 1, H304	[1]
Distillates (petroleum), hydrotreated heavy paraffinic	REACH #: 01-2119484627-25 EC: 265-157-1 CAS: 64742-54-7	≤5	Asp. Tox. 1, H304	[1]
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	REACH #: 01-2119474889-13 EC: 276-738-4 CAS: 72623-87-1 Index: 649-483-00-5	≤5	Asp. Tox. 1, H304	[1]
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	REACH #: 01-0000015551-76 EC: 406-040-9 CAS: 125643-61-0 Index: 607-530-00-7	≤5	Aquatic Chronic 4, H413	[1]
bis(nonylphenyl)amine	REACH #: 01-2119488911-28 EC: 253-249-4 CAS: 36878-20-3	≤3	Aquatic Chronic 4, H413	[1]
Distillates (petroleum), hydrotreated heavy paraffinic	REACH #: 01-2119484627-25 EC: 265-157-1 CAS: 64742-54-7	≤3	Asp. Tox. 1, H304	[1]
Distillates (petroleum), solvent-dewaxed light paraffinic	REACH #: 01-2119480132-48 EC: 265-159-2 CAS: 64742-56-9 Index: 649-469-00-9	≤3	Asp. Tox. 1, H304	[1]
Distillates (petroleum), solvent-dewaxed heavy paraffinic	REACH #: 01-2119471299-27 EC: 265-169-7 CAS: 64742-65-0 Index: 649-474-00-6	≤3	Asp. Tox. 1, H304	[1]
Paraffin oils (petroleum), catalytic dewaxed heavy	REACH #: 01-2119487080-42 EC: 265-174-4 CAS: 64742-70-7 Index: 649-477-00-2	≤3	Asp. Tox. 1, H304	[1]
zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)	REACH #: 01-2119543726-33 EC: 298-577-9	≤3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	[1]

See Section 16 for the full text of the H statements declared above.



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern
- [6] Additional disclosure due to company policy

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO₂, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.

**SAFETY DATA SHEET**

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Hazardous combustion products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides

5.3 Advice for firefighters

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Firefighting measures : No special measures are required.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

For emergency responders : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections

: See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8).



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters**Occupational exposure limits**

No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Type	Exposure	Value	Population	Effects
Distillates (petroleum), hydrotreated heavy paraffinic Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	DNEL	Long term Oral	0,74 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2,73 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	5,58 mg/m ³	Workers	Local
	DNEL	Long term Oral	0,74 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term	2,73 mg/m ³	Workers	Systemic



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Distillates (petroleum), hydrotreated heavy paraffinic	DNEL	Inhalation Long term	5,58 mg/m ³	Workers	Local
	DNEL	Inhalation Long term Oral	0,74 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2,73 mg/m ³	Workers	Systemic
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	DNEL	Long term Inhalation	5,58 mg/m ³	Workers	Local
	DNEL	Long term Oral	0,74 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2,73 mg/m ³	Workers	Systemic
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	DNEL	Long term Inhalation	5,58 mg/m ³	Workers	Local
	DNEL	Long term Dermal	0,5 mg/kg	Workers	Systemic
	DNEL	Long term Inhalation	3,5 mg/m ³	Workers	Systemic
	DNEL	Long term Dermal	0,25 mg/kg	General population [Consumers]	Systemic
	DNEL	Long term Oral	0,25 mg/kg	General population [Consumers]	Systemic
	DNEL	Long term Oral	0,16 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,22 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Dermal	0,33 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	0,74 mg/m ³	General population	Systemic
	DNEL	Long term Inhalation	2,33 mg/m ³	Workers	Systemic
	DNEL	Short term Dermal	20 mg/kg bw/day	Workers	Systemic
	DNEL	Short term Oral	50 mg/kg bw/day	General population	Systemic
	DNEL	Short term Dermal	50 mg/kg bw/day	General population	Systemic
	DNEL	Short term Inhalation	875 mg/m ³	General population	Systemic
	DNEL	Short term Inhalation	1750 mg/ m ³	Workers	Systemic
bis(nonylphenyl)amine	DNEL	Long term Dermal	0,006 mg/ cm ²	Workers	Local
	DNEL	Short term Dermal	1 mg/cm ²	Workers	Local
	DNEL	Short term Dermal	8,33 mg/ cm ²	General population	Local
	DNEL	Long term Oral	0,25 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	2,5 mg/kg	General	Systemic



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Distillates (petroleum), hydrotreated heavy paraffinic	DNEL	Long term Dermal	bw/day 5 mg/kg	population Workers	Systemic
	DNEL	Long term Oral	bw/day 0,74 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2,73 mg/m ³	Workers	Systemic
Distillates (petroleum), solvent-dewaxed light paraffinic	DNEL	Long term Inhalation	5,58 mg/m ³	Workers	Local
	DNEL	Long term Oral	0,74 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2,73 mg/m ³	Workers	Systemic
Distillates (petroleum), solvent-dewaxed heavy paraffinic	DNEL	Long term Inhalation	5,58 mg/m ³	Workers	Local
	DNEL	Long term Oral	0,74 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2,73 mg/m ³	Workers	Systemic
Paraffin oils (petroleum), catalytic dewaxed heavy	DNEL	Long term Inhalation	5,58 mg/m ³	Workers	Local
	DNEL	Long term Oral	0,74 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0,97 mg/ kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1,19 mg/m ³	General population	Local
	DNEL	Long term Inhalation	2,73 mg/m ³	Workers	Systemic
	DNEL	Long term Inhalation	5,58 mg/m ³	Workers	Local

PNECs

Product/ingredient name	Compartment Detail	Value	Method Detail
Reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	Soil	3,16 mg/kg	-

8.2 Exposure controls

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Recommended: Safety glasses with side shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Wear protective clothing. Wear protective gloves.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Suitable protective footwear.
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: Use appropriate respiratory protection if there is a risk of exceeding any exposure limits.
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	: Liquid.
Colour	: Brown.
Odour	: Not available.
Odour threshold	: Not available.
pH	: Not available.
Melting point/freezing point	: -39°C
Initial boiling point and boiling range	: Not available.
Flash point	: Open cup: >200°C
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Upper/lower flammability or explosive limits	: Not available.
Vapour pressure	: Not available.
Vapour density	: Not available.
Density	: 0,861 g/cm ³ [15°C (59°F)]
Relative density	: Not available.
Solubility(ies)	: Not available.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Kinematic (40°C): 0,725 cm ² /s



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Explosive properties : Not available.

Oxidising properties : Not available.

9.2 Other information

Solubility in water : Not available.

SECTION 10: Stability and reactivity

10.1 Reactivity : No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability : The product is stable.

10.3 Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid : No specific data.

10.5 Incompatible materials : No specific data.

10.6 Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	LC50 Inhalation Dusts and mists	Rat	>5,53 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Distillates (petroleum), hydrotreated heavy paraffinic	LC50 Inhalation Dusts and mists	Rat	5 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	LC50 Inhalation Dusts and mists	Rat	>5,53 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
	LD50 Dermal	Rat	>2000 mg/kg	-
bis(nonylphenyl)amine	LD50 Oral	Rat	>2000 mg/kg	-
	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Distillates (petroleum), solvent-dewaxed light paraffinic	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Distillates (petroleum), solvent-dewaxed heavy	LD50 Oral	Rat	>5000 mg/kg	-
	LC50 Inhalation Dusts and mists	Rat	>5 mg/l	4 hours



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

paraffinic	LD50 Dermal LD50 Oral	Rabbit Rat	>5000 mg/kg >5000 mg/kg	- -
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Conclusion/Summary : Based on available data, the classification criteria are not met.

Acute toxicity estimates

N/A

Irritation/Corrosion**Conclusion/Summary**

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

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

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

Sensitisation

Product/ingredient name	Route of exposure	Species	Result
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	skin	Guinea pig	Not sensitizing
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	skin	Guinea pig	Not sensitizing

Conclusion/Summary

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

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

Mutagenicity

Product/ingredient name	Test	Experiment	Result
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	OECD 473 473	Experiment: In vitro Subject: Mammalian-Animal	Negative
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	OECD 473 473	Experiment: In vitro Subject: Mammalian-Animal	Negative

Conclusion/Summary : Based on available data, the classification criteria are not met.

Carcinogenicity

Conclusion/Summary : Based on available data, the classification criteria are not met.

Reproductive toxicity

Conclusion/Summary : Based on available data, the classification criteria are not met.

Teratogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Negative - Dermal	Rat	0 to 2000 mg/kg	-
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Negative - Dermal	Rat	0 to 2000 mg/kg	-

Conclusion/Summary : Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

Aspiration hazard

Product/ingredient name	Result
Distillates (petroleum), hydrotreated heavy paraffinic	ASPIRATION HAZARD - Category 1
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	ASPIRATION HAZARD - Category 1
Distillates (petroleum), hydrotreated heavy paraffinic	ASPIRATION HAZARD - Category 1
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	ASPIRATION HAZARD - Category 1
Distillates (petroleum), hydrotreated heavy paraffinic	ASPIRATION HAZARD - Category 1
Distillates (petroleum), solvent-dewaxed light paraffinic	ASPIRATION HAZARD - Category 1
Distillates (petroleum), solvent-dewaxed heavy paraffinic	ASPIRATION HAZARD - Category 1
Paraffin oils (petroleum), catalytic dewaxed heavy	ASPIRATION HAZARD - Category 1

Information on likely routes of exposure : Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Not available.

Conclusion/Summary : Based on available data, the classification criteria are not met.
General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Other information : Not available.



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Acute NOEL >100 mg/l Marine water	Algae	-
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Acute NOEL >100 mg/l Marine water	Algae	72 hours
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	Acute EC50 >3 mg/l	Algae	72 hours
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Acute EC50 >100 mg/l Acute LC50 >74 mg/l Chronic NOEC ≤0,01 mg/l Chronic NOEL 10 mg/l Marine water	Daphnia - Dafnia magna Fish Daphnia Daphnia	24 hours 96 hours 21 days 21 days

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
bis(nonylphenyl)amine	-	1 % - Not readily - 28 days	-	-
zinc bis[O-(6-methylheptyl)]	-	1,5 % - Not readily - 28 days	-	-
bis[O-(sec-butyl)] bis (dithiophosphate)	-			

Conclusion/Summary : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	-	-	Inherent
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	-	-	Inherent
bis(nonylphenyl)amine	-	-	Not readily
zinc bis[O-(6-methylheptyl)]	-	-	Not readily
bis[O-(sec-butyl)] bis (dithiophosphate)			

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	2 to 6	<500	low
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	2 to 6	<500	low
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	9,2	260	low
bis(nonylphenyl)amine	3.64 to 7.02	1730	high



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code : Not available.

Remarks : Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions : ☒ Not applicable.
on the manufacture,
placing on the market
and use of certain
dangerous substances,
mixtures and articles

Other EU regulations

Industrial emissions : Not listed
(integrated pollution
prevention and control) -
Air

Industrial emissions : Not listed
(integrated pollution
prevention and control) -
Water

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Substances that may be used as drug precursors according to Regulations (EC) 273/2004 and 111/2005.

Ingredient name	Annex	Status
Not listed.		

Seveso Directive

This product is not controlled under the Seveso Directive.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.



SAFETY DATA SHEET

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.
Europe	: Not determined.
Japan	: Japan inventory (ENCS) : Not determined. Japan inventory (ISHL) : Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: Not determined.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.

15.2 Chemical safety assessment : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms : ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
N/A = Not available
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
SGG = Segregation Group
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

Full text of abbreviated H statements

<input checked="" type="checkbox"/> H304 H315 H318 H411 H413	May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. Toxic to aquatic life with long lasting effects. May cause long lasting harmful effects to aquatic life.
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Full text of classifications [CLP/GHS]

<input checked="" type="checkbox"/> Aquatic Chronic 2, H411 Aquatic Chronic 4, H413 Asp. Tox. 1, H304 Eye Dam. 1, H318 Skin Irrit. 2, H315	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 4 ASPIRATION HAZARD - Category 1 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 1 SKIN CORROSION/IRRITATION - Category 2
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Date of printing : 18/05/2022

**SAFETY DATA SHEET**

Version: 2

Date of issue: 18/05/2022

TRACTION PRO LS 5W30

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Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.