Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 453/2010 - Belgium

SAFETY DATA SHEET

Q8 T 905 10W-40



1/11

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

1.1 Product identifier	
Product name	: Q8 T 905 10W-40
Viscosity or Type	: SAE 10W-40
Material uses	: Lubricating oil for automotive engines
Product description	: Not available.

1.2 Relevant identified uses of the substance or mixture and uses advised against Not applicable.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Distributor	: Kuwait Petroleum Companies in the Benelux Company Office: Brusselstraat 59, B-2018, Antwerp Contactaddress: Petroleumkaai 7, B-2020, Antwerp Tel. +32 3 247 38 11, Fax +32 3 216 03 42
e-mail address of person responsible for this SDS	: SDSinfo@Q8.com, communication preferably in English only.

1.4 Emergency telephone number

Europe	: +44 (0) 1235 239 670	CARECHEM24
Global (English only)	: +44 (0) 1865 407 333	Sound States

SECTION 2: Hazards identification

2.1 Classification of the subs	stance or mixture
Product definition	: Mixture
Classification according to Not classified.	Regulation (EC) No. 1272/2008 [CLP/GHS]
Ingredients of unknown toxicity	: None.
Ingredients of unknown ecotoxicity	: None.
Classification according to	Directive 1999/45/EC [DPD]
The product is not classified	as dangerous according to Directive 1999/45/EC and its amendments.
Classification	: Not classified.
See Section 16 for the full tex	t of the R phrases or H statements declared above.
See Section 11 for more deta	iled information on health effects and symptoms.
2.2 Label elements	

Hazard pictograms	:
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.

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SECTION 2: Hazards identification

Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.
Disposal	: Not applicable.
Hazardous ingredients	: Not applicable.
Supplemental label elements	: Safety Data Sheet available for professional user on request.
Special packaging requirem	ents
Containers to be fitted with child-resistant fastenings	: Not applicable.
Tactile warning of danger	: Not applicable.
2.3 Other hazards	
Other hazards which do not result in classification	: Defatting to the skin.

SECTION 3: Composition/information on ingredients

Substance/mixture	: Mixture				
			Class	ification	
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil- based	EC: 276-738-4 CAS: 72623-87-1 Index: 649-483-00-5	50 - <75	Not classified.	Not classified.	[2]
mineral oil 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 - <10 5 - <10	Not classified. Not classified.	Not classified. Asp. Tox. 1, H304	[2] [1] [2]
Calcium salt of a polyolefin substituted phenol	-	<25	R53	Aquatic Chronic 4, H413	[1]
			See Section 16 for the full text of the R- phrases declared above.	See Section 16 for the full text of the H statements declared above.	

The mineral oils in the product contain < 3% DMSO extract (IP 346).

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 or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Туре

[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

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. Continue to rinse for at least 10 minutes. 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. 		
Skin contact	: Wash skin thoroughly with soap and water or use recognized skin cleanser. 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. 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 syn	nptoms and effects, both acute and delayed
Potential acute health	<u>n effects</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs	/symptoms
Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , alcohol-resistant foam or water spray (fog).
Unsuitable extinguishing media	: Do not use water jet.
5.2 Special hazards arising f	rom 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.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/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.

SECTION 5: Firefighting measures

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.

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 spilled 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 Section 8 for additional information on hygiene measures.				
6.2 Environmental precautions	: Avoid dispersal of spilled 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 materials for	r 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).
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 unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)	
Recommendations	: Not available.

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SECTION 7: Handling and storage

Industrial sector specific : Not available. solutions

SECTION 8: Exposure controls/personal protection

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).

8.1 Control parameters

Occupational exposure limits

Product/ingredie	nt name	Exposure limit values			
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based mineral oil Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based		Lijst Grenswaarden / Valeurs Limites (Belgium, 11/2011). TWA: 5 mg/m ³ 8 hours. Form: mist STEL: 10 mg/m ³ 15 minutes. Form: mist EU OEL (Europe). TWA: 5 mg/m ³ , (oil Mist) Lijst Grenswaarden / Valeurs Limites (Belgium, 11/2011). TWA: 5 mg/m ³ 8 hours. Form: mist STEL: 10 mg/m ³ 15 minutes. Form: mist			
procedures atmosphere or of the ventilatio protective equip the following: E the assessmen limit values and atmospheres - exposure to che (Workplace atm for the measure		contains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness on or other control measures and/or the necessity to use respiratory pment. Reference should be made to monitoring standards, such as European Standard EN 689 (Workplace atmospheres - Guidance for nt of exposure by inhalation to chemical agents for comparison with d measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment o emical and biological agents) European Standard EN 482 mospheres - General requirements for the performance of procedures ement of chemical agents) Reference to national guidance methods for the determination of hazardous substances will also be			
DNELs/DMELs No DNELs/DMELs available PNECs					
No PNECs available.					
8.2 Exposure controls					
Appropriate engineering controls	control worker ingredients wit	ntilation requirements. Good general ventilation should be sufficient to r exposure to airborne contaminants. If this product contains th exposure limits, use process enclosures, local exhaust ventilation or ring controls to keep worker exposure below any recommended or s.			
Individual protection measu	res				
Hygiene measures	eating, smokin Appropriate teo Wash contami	forearms and face thoroughly after handling chemical products, before ng and using the lavatory and at the end of the working period. Inchniques should be used to remove potentially contaminated clothing. Inated clothing before reusing. Ensure that eyewash stations and s are close to the workstation location.			
Eye/face protection	assessment in dusts. If conta	ar complying with an approved standard should be used when a risk adicates this is necessary to avoid exposure to liquid splashes, mists or act is possible, the following protection should be worn, unless the adicates a higher degree of protection: safety glasses with side-shields.			
Skin protection					
Hand protection	be worn at all t	stant, impervious gloves complying with an approved standard should times when handling chemical products if a risk assessment indicates ary. Wear suitable gloves tested to EN374. Recommended: Nitrile			
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SECTION 8: Exposure controls/personal protection
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Body protection	Personal protective equipment for the body should be selected based on the tas being performed and the risks involved and should be approved by a specialist before handling this product.	яk
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 b approved by a specialist before handling this product.	e
Respiratory protection	Use a properly fitted, air-purifying or air-fed respirator complying with an approve standard if a risk assessment indicates this is necessary. Respirator selection m be based on known or anticipated exposure levels, the hazards of the product ar the safe working limits of the selected respirator. Recommended: Boiling point > °C: A1; Boiling point < 65 °C: AX1; Hot material: A1P2.	nust nd
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensitive 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.	me

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties				
<u>Appearance</u>				
Physical state	1	Liquid. [Oily liquid.]		
Appearance	;	Clear.		
Color	;	Brown.		
Odor	1	Slight		
Odor threshold	;	Not available.		
рН	1	8		
Melting point/freezing point	1	<-27°C		
Initial boiling point and boiling range	:	>300°C		
Flash point	:	Open cup: >200°C [ASTM D92.]		
Evaporation rate	:	Not available.		
Flammability (solid, gas)	:	Not applicable.		
Upper/lower flammability or explosive limits	:	Not available.		
Vapor pressure	:	<0.01 kPa [room temperature]		
Vapor density	÷	Not available.		
Relative density	:	0.861		
Solubility(ies)	:	Insoluble in the following materials: cold water and hot water.		
Partition coefficient: n-octanol/ water	:	Not available.		
Auto-ignition temperature	:	>300°C		
Decomposition temperature	:	>300°C		
Viscosity (40°C)	1	95.7 cSt		
Viscosity (100°C)	:	14 cSt		
Explosive properties	:	Not applicable.		
Oxidizing properties	;	Not applicable.		

9.2 Other information

No additional information.

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	: Reactive or incompatible with the following materials: Strong oxidizing materials		
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), C20-50, hydrotreated neutral oil-based	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
Conclusion/Summary	: Not available.			
Acute toxicity estimates				
Not available.				
Irritation/Corrosion				
Conclusion/Summary	: Not available.			
Sensitization				
Conclusion/Summary	: Not available.			
<u>Mutagenicity</u>				
Conclusion/Summary	: Not available.			
Carcinogenicity				
Conclusion/Summary	: Not available.			
Reproductive toxicity				
Conclusion/Summary	: Not available.			
Teratogenicity				
Conclusion/Summary	: Not available.			
Information on the likely routes of exposure	: Not available.			
Potential acute health effects				
Eye contact	: No known significant eff	ects or critical hazards		
Inhalation	: No known significant eff	ects or critical hazards		
Skin contact	: Defatting to the skin. Ma	ay cause skin dryness a	and irritation.	
Ingestion	: No known significant eff	ects or critical hazards		
Symptoms related to the phys	ical, chemical and toxico	logical characteristic	<u>s</u>	
Eye contact	: No specific data.			
Inhalation	: No specific data.			
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Skin contact	: Adverse symptoms may include the following:
	irritation
	dryness
	cracking
Ingestion	: No specific data.
Delayed and immediate effect	ts and also chronic effects from short and long term exposure
<u>Short term exposure</u>	
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 eff	<u>ects</u>
Not available.	
Conclusion/Summary	: Not available.
General	: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.
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.

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	IC50 >100 mg/l	Fish	96 hours
Conclusion/Summarv	: Not available.		

12.2 Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	OECD 301B	49 % - 28 c	lays	-		-
Conclusion/Summary	: Not available.					
Product/ingredient name	Aquatic half-life P		Photolysis		Biodeg	radability

i roudounigreatent name	Aquatio hall life	T Hotoly 315	Dioucgrudubility
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	-	-	Inherent

12.3 Bioaccumulative potential

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SECTION 12: Ecological information

Product/ingredient name	LogP _{ow}	BCF	Potential
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	>4	-	high

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment		
PBT	: Not applicable.	
vPvB	: Not applicable.	

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

<u>Product</u>	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Waste product residues should not be disposed of via the sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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 spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste : Yes. European waste catalogue (EWC)

Waste code	Waste designation	
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils	
Packaging		
Methods of disposal	: The generation of waste should be avoided or minimized 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 spilled material and runoff and contact with soil, waterways, drains and sewers.	

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
Date of issue/Date of rev	/ision : 10-11-201	2 Date of previous issue	: 11/10/2012	Version : 1.01 9/1 ⁻

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SECTION 14: Transport information				
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

user

14.6 Special precautions for : 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.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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 authorization

: Not available.

Substances of very high concern

None of the components are listed.

Other EU regulations

National Inventory List	: Australia inventory (AICS): Not determined.
	China inventory (IECSC): Not determined.
	Japan inventory: Not determined.
	Korea inventory: Not determined.
	Malaysia Inventory (EHS Register): Not determined.
	New Zealand Inventory of Chemicals (NZIoC): Not determined.
	Philippines inventory (PICCS): Not determined.
	Taiwan inventory (CSNN): Not determined.
	United States inventory (TSCA 8b): Not determined.
	Europe inventory: Not determined.
	Canada inventory: Not determined.

Seveso II Directive

This product is not controlled under the Seveso II Directive.

15.2 Chemical Safety	1	This product contains substances for which Chemical Safety Assessments are still
Assessment		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
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	vPvB = Very Persistent and Very Bioaccumulative

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SECTION 16: Other information

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

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

Classi	fication Justification				
Not classified.					
Full text of abbreviated H statements	: H304 May be fatal if swallowed and enters airways. H413 May cause long lasting harmful effects to aquatic life.				
Full text of classifications [CLP/GHS]	: Aquatic Chronic 4, H413 AQUATIC TOXICITY (CHRONIC) - Categ Asp. Tox. 1, H304 ASPIRATION HAZARD - Category 1	gory 4			
Full text of abbreviated R phrases	: R53- May cause long-term adverse effects in the aquatic environme	ent.			
Full text of classifications [DSD/DPD]	: Not applicable.				
Date of printing	: 11/10/2012.				
Date of issue/ Date of revision	: 11/10/2012.				
Date of previous issue	: 11/10/2012.				
Version	: 1.01				
Prepared by	: Not available.				

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.