SAFETY DATA SHEET

Q8 Mozart HPM 30



1.1 Product identifier	
Product name	: Q8 Mozart HPM 30
Viscosity or Type	: SAE 30
Material uses	: Lubricating oil for marine engines
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.
	imbor
1.4 Emergency telephone nu	
1.4 Emergency telephone nu Europe	: +44 (0) 1235 239 670

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture		
Product definition	: Mixture	
Classification according to	D Regulation (EC) No. 1272/2008 [CLP/GHS]	
Not classified.		
Ingredients of unknown toxicity	: None.	
Ingredients of unknown ecotoxicity	: None.	
Classification according to	Directive 1999/45/EC [DPD]	
The product is not classifie	d as dangerous according to Directive 1999/45/EC and its amendments.	
Classification	: Not classified.	
See Section 16 for the full te	xt of the R phrases or H statements declared above.	
See Section 11 for more det	ailed 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	: Not applicable.
Prevention	: Not applicable.
Response	: Not applicable.
Storage	: Not applicable.

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SECTION 2: Hazards identification		
Disposal	: Not applicable.	
Supplemental label elements	: Safety Data Sheet available for professional user on request.	
Special packaging requirem	<u>ents</u>	
Containers to be fitted with child-resistant fastenings	: Not applicable.	
Tactile warning of danger	: Not applicable.	
2.3 Other hazards		
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII	: Not applicable.	
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: Not applicable.	
Other hazards which do not result in classification	: Defatting to the skin.	

SECTION 3: Composition/information on ingredients

3.2 Mixtures

: Mixture

			Clas	sification	
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
Distillates (petroleum), solvent-dewaxed heavy paraffinic	REACH #: 01-2119471299-27 EC: 265-169-7 CAS: 64742-65-0 Index: 649-474-00-6	≥75 - <90	Not classified.	Not classified.	[2]

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, vPvBs or Substances of equivalent concern, 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

[5] Substance of equivalent concern

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

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact		of water, occasionally lifting the upper and lower contact lenses. Continue to rinse for at least 10 ritation occurs.
Inhalation	Get medical attention if symptoms of	o at rest in a position comfortable for breathing. occur. In case of inhalation of decomposition e delayed. The exposed person may need to be 48 hours.
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Skin contact	: Wash skin thoroughly with soap and water or use recognized skin cleanser.
	Remove contaminated clothing and shoes. Get medical attention if symptoms occu
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 sympton	ns and effects, both acute and delayed
Potential acute health effect	<u>ets</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/symp	
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 immedi	ate 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: Firefigh	ting 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 nitrogen oxides sulfur oxides halogenated compounds
5.3 Advice for firefighters	
Special protective actions	: Promptly isolate the scene by removing all persons from the vicinity of the incident if

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SECTION 5: Firefighting measures

Special protective	1	Fire-fighters should wear appropriate protective equipment and self-contained
equipment for fire-fighters		breathing apparatus (SCBA) with a full face-piece operated in positive pressure
3		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. 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

Product/ingredient	name	Exposure limit values	
Distillates (petroleum), solvent- paraffinic		Lijst Grenswaarden / Valeurs Limites (Belgium, 11/2011). TWA: 5 mg/m³ 8 hours. Form: mist STEL: 10 mg/m³ 15 minutes. Form: mist	
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	·		
No DNELs/DMELs available.			
PNECs			
No PNECs available.			
8.2 Exposure controls			
Appropriate engineering controls	contaminants.	rentilation should be sufficient to control worker exposure to airborne	
Individual protection measure	<u>es</u>		
Hygiene measures	before eating, s Appropriate tec Wash contamir	brearms and face thoroughly after handling chemical products, smoking and using the lavatory and at the end of the working period. Indiques should be used to remove potentially contaminated clothing. Inated clothing before reusing. Ensure that eyewash stations and are close to the workstation location.	
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 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.		
Skin protection			
Hand protection	be worn at all ti this is necessa	tant, impervious gloves complying with an approved standard should mes when handling chemical products if a risk assessment indicates ry. Wear suitable gloves tested to EN374. Recommended: < 1 bugh time): nitrile rubber 0.17 mm.	
Body protection		ctive equipment for the body should be selected based on the task d and the risks involved and should be approved by a specialist g this product.	

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SECTION 8: Exposure controls/personal protection

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.
Respiratory protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Boiling point > 65 °C: A1; Boiling point < 65 °C: AX1; Hot material: A1P2.
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	l a	nd chemical properties
<u>Appearance</u>		
Physical state	1	Liquid. [Oily liquid.]
Appearance	:	Clear.
Color	1	Brown.
Odor	1	Characteristic.
Odor threshold	1	Not available.
рН	1	8
Melting point/freezing point	1	<-9°C
Initial boiling point and boiling range	1	>300°C
Flash point	1	Open cup: >218°C [ASTM D92.]
Evaporation rate	1	Not available.
Flammability (solid, gas)	:	Not applicable.
Upper/lower flammability or explosive limits	:	Not available.
Vapor pressure	1	<0.01 kPa [room temperature]
Vapor density	1	Not available.
Relative density	:	0.89
Solubility(ies)	1	Insoluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	1	Not available.
Auto-ignition temperature	1	>300°C
Decomposition temperature	:	>300°C
Viscosity (40°C)	:	113.3 cSt
Viscosity (100°C)	1	12.3 cSt
Explosive properties	1	Not applicable.
Oxidizing properties	1	Not applicable.

9.2 Other information

No additional information.

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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
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LC50 Inhalation Dusts and mists	Rat - Male, Female	5.53 mg/l	4 hours
	LD50 Dermal LD50 Oral	Rabbit Rat	>5000 mg/kg >5000 mg/kg	-
Conclusion/Summary	Not available.			

Acute toxicity estimates

Not available.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Skin - Erythema/Eschar	Rabbit	0.17	72 hours	7 days
	Skin - Edema Eyes - Iris lesion Eyes - Redness of the conjunctivae	Rabbit Rabbit Rabbit	0	72 hours 48 hours 48 hours	7 days 72 hours 72 hours

Conclusion/Summary : Not available.

Sensitization

Product/ingredient name	Route of exposure	Species	Result
Distillates (petroleum), solvent-dewaxed heavy paraffinic	skin	Guinea pig	Not sensitizing

Conclusion/Summary

: Not available.

Mutagenicity

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SECTION 11: Toxicological information

Product/ingredient name	Test	Experiment	Result
Distillates (petroleum), solvent-dewaxed heavy paraffinic	474 Mammalian Erythrocyte Micronucleus Test	Experiment: In vivo	Negative
		Subject: Mammalian-Animal Cell: Somatic	

Conclusion/Summary : Not available.

Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Negative - Dermal - TC	Mouse - Female	-	78 weeks

Conclusion/Summary : Not available.

Reproductive toxicity

Product/ingredient name	Maternal toxicity	Fertility	Development toxin	Species	Dose	Exposure
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Negative	Negative	Negative	Rat - Male, Female	Oral: 1000 mg/ kg	-

Conclusion/Summary : Not available.

Teratogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Distillates (petroleum), N solvent-dewaxed heavy paraffinic	Negative - Dermal	Rat	2000 mg/kg	7 days per week

Conclusion/Summary : Not available.

Information on the likely	: Not available.
routes of exposure	

Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	: Defatting to the skin. May cause skin dryness and irritation.
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	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.

Delayed and immediate effect	ts and also chronic effects from shor	t and long term exposure	
Short term exposure			
Potential immediate effects	: Not available.		
Potential delayed effects	: Not available.		
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SECTION 11: Toxicological information

<u>Long term exposure</u>	
Potential immediate	: Not available.

effects

Potential delayed effects : Not available.

Potential chronic health effects

Product/ingredient name	Result	Species	Dose	Exposure
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Sub-chronic NOAEL Oral	Rat - Male, Female	≥2000 mg/kg	13 weeks; 5 days per week
	Sub-acute LOAEL Oral	Rat - Male	125 mg/kg	13 weeks; 5 hours per day
	Sub-acute NOAEL Inhalation Dusts and mists	Rat - Male	>980 mg/m³	4 weeks; 5 days per week
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	6.	

Other information

: Not available.

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary : Not available.

12.2 Persistence and degradability

Conclusion/Summary : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Distillates (petroleum), solvent-dewaxed heavy paraffinic	-	-	Inherent

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
Distillates (petroleum), solvent-dewaxed heavy paraffinic	>3	-	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.	

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SECTION 12: Ecological information

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

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.

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SECTION 14: Transport information

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : 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 authorization **Annex XIV** None of the components are listed. Substances of very high concern None of the components are listed. **Other EU regulations Europe inventory** : Not determined. **Seveso II Directive** This product is not controlled under the Seveso II Directive. Hazard class for water : 1 Appendix No. 4 (WGK) 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 Inform Consent (PIC)** Not listed. **UNECE Aarhus Protocol on POPs and Heavy Metals** Not listed. **International lists National inventory Australia** : Not determined. Canada : Not determined. China Not determined. : Not determined. Japan Malaysia : Not determined. **New Zealand** Not determined. 5 **Philippines** : Not determined. **Republic of Korea** : Not determined. Taiwan Not determined. ÷. **United States** : Not determined. **15.2 Chemical Safety** : This product contains substances for which Chemical Safety Assessments are still Assessment required.

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SECTION 16: Other information

Indicates information that has changed from previously issued version.

	o 1 j
Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	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

<u>Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</u> 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	: Not applicable.	
Full text of classifications [CLP/GHS]	: Not applicable.	
Full text of abbreviated R phrases	: Not applicable.	
Full text of classifications [DSD/DPD]	: Not applicable.	
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Prepared by	: Kuwait Petroleum Resear	ch & Technology B.V., The Netherlands
Notice to reader		

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed 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.