# **SAFETY DATA SHEET**

## Q8 Mahler CP5 SAE 40



1.1 Product identifier	
Product name	: Q8 Mahler CP5 SAE 40
Viscosity or Type	: SAE 40
Material uses	: Lubricating oil for gas engines
<b>1.2 Relevant identified uses</b> Not applicable.	of the substance or mixture and uses advised against
1.3 Details of the supplier of	f 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 n	umber
Europe Global (English only)	: +44 (0) 1235 239 670 : +44 (0) 1865 407 333

## **SECTION 2: Hazards identification**

2.1 Classification of the sub	ance or mixture			
Product definition	: Mixture			
Classification according to	Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]			
•	s hazardous according to Regulation (EC) 1272/2008 as amended.			
Not classified.				
Ingredients of unknown toxicity	: None.			
Ingredients of unknown ecotoxicity	: None.			
Classification according to	irective 1999/45/EC [DPD]			
The product is not classifie	is dangerous according to Directive 1999/45/EC and its amendments.			
Classification	: Not classified.			
See Section 16 for the full text of the R phrases or H statements declared above.				
See Section 11 for more deta	ed 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.

Date of issue/Date of revision

1/12

Q8 Mahler CP5 SAE 40

SECTION 2: Hazards	IC	
Storage	1	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	1	Safety data sheet available on request.
Special packaging requirem	en	<u>ts</u>
Containers to be fitted with child-resistant fastenings	:	Not applicable.
Tactile warning of danger	1	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. Prolonged or repeated contact may dry skin and cause irritation.

## **SECTION 3: Composition/information on ingredients**

3.2 Mixtures	: Mixture				1
			<u>Class</u>	<u>ification</u>	
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	≥90	Not classified.	Not classified.	[2]
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	≥1 - <3	R53	Aquatic Chronic 4, H413	[1]
Benzenamine, N- phenyl-, reaction products with 2,4, 4-trimethylpentene	REACH #: 01-2119491299-23 EC: 270-128-1 CAS: 68411-46-1	≥1 - <3	R52/53	Aquatic Chronic 3, H412	[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, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section. <u>Type</u>

Q8 Mahler CP5 SAE 40

## **SECTION 3: Composition/information on ingredients**

[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 n	neasures
Eye contact	<ul> <li>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.</li> </ul>
Inhalation	<ul> <li>Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.</li> </ul>
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. 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 Potential acute health effects 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. : No known significant effects or critical hazards. Ingestion Over-exposure signs/symptoms Eye contact : No specific data. : No specific data. Inhalation Skin contact : Adverse symptoms may include the following: irritation dryness cracking : No specific data. Ingestion 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 <sub>2</sub> , 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.

Date of issue/Date of revision

Version

:1

Q8 Mahler CP5 SAE 40

## **SECTION 5: Firefighting measures**

Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur 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.

## **SECTION 6: Accidental release measures**

6.1 Personal precautions, prot	ective equipment and emergency procedures
For non-emergency personnel	<ul> <li>No action shall be taken involving any personal risk or without suitable training.</li> <li>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.</li> </ul>
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	<ul> <li>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).</li> </ul>
6.3 Methods and materials 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	<ul> <li>See Section 1 for emergency contact information.</li> <li>See Section 8 for information on appropriate personal protective equipment.</li> <li>See Section 13 for additional waste treatment information.</li> </ul>

## **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

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

4/12

Q8 Mahler CP5 SAE 40

## SECTION 7: Handling and storage

#### 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.

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-dewaxed heavy paraffinic		Lijst Grenswaarden / Valeurs Limites (Belgium, 11/2011). TWA: 5 mg/m³ 8 hours. Form: mist STEL: 10 mg/m³ 15 minutes. Form: mist
procedures atmosphere or of the ventilation protective equip the following: E the assessmen limit values and atmospheres - of exposure to o (Workplace atm for the measure		ontains ingredients with exposure limits, personal, workplace biological monitoring may be required to determine the effectiveness in or other control measures and/or the necessity to use respiratory ment. Reference should be made to monitoring standards, such as turopean Standard EN 689 (Workplace atmospheres - Guidance for t of exposure by inhalation to chemical agents for comparison with measurement strategy) European Standard EN 14042 (Workplace Guide for the application and use of procedures for the assessment chemical and biological agents) European Standard EN 482 hospheres - General requirements for the performance of procedures ment 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	: Good general v contaminants.	ventilation should be sufficient to control worker exposure to airborne
Individual protection measure	<u>es</u>	

8.2 Exposure controls		
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	;
Individual protection meas	<u>ires</u>	
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.	
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.	
Date of issue/Date of revision	: 12-01-2015 Date of previous issue : No previous validation Version : 1 5/	12

Q8 Mahler CP5 SAE 40

## **SECTION 8: Exposure controls/personal protection**

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. Wear suitable gloves tested to EN374. Recommended: Nitrile gloves.
Body protection	<ul> <li>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.</li> </ul>
Other skin protection	<ul> <li>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.</li> </ul>
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	a	nd chemical properties
<u>Appearance</u>		
Physical state	:	Liquid. [Oily liquid.]
Appearance	:	Clear.
Color	:	Brown.
Odor	1	Slight
Odor threshold	:	Not available.
рН	:	8
Melting point/freezing point	:	<-12°C
Initial boiling point and boiling range	:	>300°C
Flash point	:	Open cup: >210°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	:	0.88
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)	:	117 cSt
Viscosity (100°C)	;	13.1 cSt
Explosive properties	:	Not applicable.
Oxidizing properties	:	Not applicable.

#### 9.2 Other information

Date of issue/Date of revision

Q8 Mahler CP5 SAE 40

## SECTION 9: Physical and chemical properties

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
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LC50 Inhalation Dusts and mists	Rat - Male, Female	5.53 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Benzenamine, N-phenyl-, reaction products with 2,4, 4-trimethylpentene	LD50 Oral	Rat	>5000 mg/kg	-

## 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 Mutagenicity	: Not available.		

Q8 Mahler CP5 SAE 40

## **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), solvent-dewaxed heavy paraffinic	Negative - Dermal	Rat	2000 mg/kg	7 days per week

**Conclusion/Summary** : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

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	: 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.

Symptoms related t	o 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

Q8 Mahler CP5 SAE 40

## **SECTION 11: Toxicological information**

Ingestion

: No specific data.

#### Delayed and immediate effects and also 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

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 conta or dermatitis.	act can defat the	skin and lead to irri	tation, cracking and/
Carcinogenicity	: No known significant effects	or critical hazar	ds.	
Mutagenicity	: No known significant effects	or critical hazar	ds.	
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 hazar	ds.	

#### Other information : Not available.

## **SECTION 12: Ecological information**

12.1 Toxicity

**Conclusion/Summary** 

: Not available.

#### 12.2 Persistence and degradability

Conclusion/Summary	, .	Not available
Conclusion/Summar		INUL 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	-	low
Benzenamine, N-phenyl-, reaction products with 2,4, 4-trimethylpentene	5.1	1730	high

Q8 Mahler CP5 SAE 40

## **SECTION 12: Ecological information**

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

#### **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.

Q8 Mahler CP5 SAE 40

SECTION 14: T	ransport inform	ation		
Additional information	-	-	-	-

14.6 Special precautions for	:	Transport within user's premises: always transport in closed containers that are
user		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: Not available.according to Annex II ofMARPOL 73/78 and the IBCCode

## **SECTION 15: Regulatory information**

15.1 Safety, health and env	rironmental regulations/legislation specific for the substance or mixture
EU Regulation (EC) No. 19	<u>907/2006 (REACH)</u>
Annex XIV - List of subs	tances subject to authorization
Annex XIV	
None of the components	are listed.
Substances of very hig	<u>h concern</u>
None of the components	are listed.
Other EU regulations	
Europe inventory	: At least one component is not listed in EINECS but all such components are listed in ELINCS. Please contact your supplier for information on the inventory status of this material.
Seveso II Directive	
This product is not controll	led under the Seveso II Directive.
Hazard class for water (WGK)	: 1 Appendix No. 4
International regulations	
Chemical Weapon Conver	ntion List Schedules I, II & III Chemicals
Not listed.	
Montreal Protocol (Annex	<u>es A, B, C, E)</u>
Not listed.	
Stockholm Convention or	<u>n Persistent Organic Pollutants</u>
Not listed.	
	<u>ı Prior Inform Consent (PIC)</u>
Not listed.	
UNECE Aarhus Protocol o	on POPs and Heavy Metals
Not listed.	
International lists	
National inventory	
Australia	: All components are listed or exempted.
Canada	: All components are listed or exempted.
China	: All components are listed or exempted.
Japan	: All components are listed or exempted.
Malaysia	: Not determined.
New Zealand	: Not determined.
Philippines	: All components are listed or exempted.

Q8 Mahler CP5 SAE 40

SECTION 15: Regulatory information		
Republic of Korea	: All components are listed or exempted.	
Taiwan	: Not determined.	
United States	: All components are listed or exempted.	
15.2 Chemical Safety Assessment	: This product contains substances for which Chemical Safety Assessments are still required.	

## **SECTION 16: Other information**

Indicates information	n that has changed from previously issued version.
Abbreviations and acronyms	<ul> <li>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</li> </ul>
	VI VB Very Foreiterin and Very Biodocamatative

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	<ul> <li>H412 Harmful to aquatic life with long lasting effects.</li> <li>H413 May cause long lasting harmful effects to aquatic life.</li> </ul>	
Full text of classifications [CLP/GHS]	: Aquatic Chronic 3, H412 AQUATIC HAZARD (LONG-TERM) - Category 3 Aquatic Chronic 4, H413 AQUATIC HAZARD (LONG-TERM) - Category 4	
Full text of abbreviated R phrases	: R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environment. R53- May cause long-term adverse effects in the aquatic environment.	the
Full text of classifications [DSD/DPD]	: Not applicable.	
Date of printing	: 12-01-2015	
Date of issue/ Date of revision	: 12-01-2015	
Date of previous issue	: No previous validation	
Version	: 1	
Prepared by	: Kuwait Petroleum Research & Technology B.V., The Netherlands	
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.