# **SAFETY DATA SHEET**

## Q8 SuperTruck FE 5W-30

: +44 (0) 1865 407 333



SECTION 1: Identific undertaking	ation of the substance/mixture and of the company/
1.1 Product identifier	
Product name	: Q8 SuperTruck FE 5W-30
	: SAE 5W-30
Viscosity or Type Material uses	: Lubricating oil for automotive 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	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 nu	Imber
Europe	: +44 (0) 1235 239 670 CARECHEM24

## **SECTION 2: Hazards identification**

**Global (English only)** 

2.1 Classification of the sub	ostance or mixture
Product definition	: Mixture
Classification according to	D Regulation (EC) No. 1272/2008 [CLP/GHS]
The product is classified as Eye Irrit. 2, H319	hazardous according to Regulation (EC) 1272/2008 as amended.
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.

CARECHEM24

2.2 Label elements Hazard pictograms		
Signal word	: Warning	
Hazard statements	: H319 - Causes serious eye irritation.	
Date of issue/Date of revision	: 14-01-2015 Date of previous issue	: 19-11-2013

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## **SECTION 2: Hazards identification**

Precautionary statements		
General	:	Not applicable.
Prevention	:	P280 - Wear eye or face protection.
		P264 - Wash hands thoroughly after handling.
Response	:	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Hazardous ingredients	:	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
Supplemental label elements	:	Not applicable.
Special packaging requirem	en	<u>ts</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				
			Classi		
Product/ingredient name	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Туре
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	≥50 - <75	Not classified.	Asp. Tox. 1, H304	[1] [2]
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	EC: 272-028-3 CAS: 68649-42-3	≥1 - <2	Xi; R41, R38 N; R51/53	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	[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>

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## **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 r	neasures
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.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
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. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Wash out mouth with water. Remove dentures if any. 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. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

4.2 most important syr	iptoms and chects, both acute and uclayed
Potential acute health	<u>effects</u>
Eye contact	: Causes serious eye irritation.
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	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
Ingestion	: No specific data.
4.3 Indication of any in	nmediate medical attention and special treatment needed
Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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SECTION 4: First aid measures			
Specific treatments	: No specific treatment.		
<b>SECTION 5: Firefigh</b>	ting 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.		
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide		
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, pro	tective 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. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 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	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. Approach release from upwind. 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. Contaminated absorbent material may pose the same hazard as the spilled product.

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

6.4 Reference to other<br/>sections: See Section 1 for emergency contact information.<br/>See Section 8 for information on appropriate personal protective equipment.<br/>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). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
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.Not available.

Industrial sector specific 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
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	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 l of the ventilation protective equip the following: E the assessment limit values and atmospheres - ( of exposure to c (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 oment. Reference should be made to monitoring standards, such as European 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 nospheres - 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	

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

No DNELs/DMELs available.

#### **PNECs**

No PNECs available.

8.2 Exposure controls		
Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection measured	ures	
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: chemical splash goggles.
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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Wear suitable gloves tested to EN374. Recommended: < 1 hour (breakthrough time): nitrile rubber 0.17 mm.
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.
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 physic	cal and chemical properties			
<u>Appearance</u>				
Physical state	: Liquid. [Oily liquid.]			
Appearance	: Clear.			
Color	: Brown.			
Odor	: Slight			
Odor threshold	: Not available.			
рН	: 8			
Melting point/freezing point	: <-36°C			
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## **SECTION 9: Physical and chemical properties**

Initial boiling point and boiling range	:	>300°C
Flash point	:	Open cup: >200°C [ASTM D92.]
Evaporation rate	1	Not available.
Flammability (solid, gas)	1	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	1	0.86
Solubility(ies)	1	Insoluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/ water	:	Not available.
Auto-ignition temperature	1	>300°C
Decomposition temperature	1	>300°C
Viscosity (40°C)	1	73.7 cSt
Viscosity (100°C)	÷	12 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
Phosphorodithioic acid, O,O- di-C1-14-alkyl esters, zinc salts	LD50 Dermal	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Conclusion/Summary	Not available.	·	·	·
Acute toxicity estimates				
Not available.				

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## **SECTION 11: Toxicological information**

Irritation/Corrosion	
Conclusion/Summary	: Not available.
Sensitization	
<b>Conclusion/Summary</b>	: Not available.
<b>Mutagenicity</b>	
Conclusion/Summary	: Not available.
<b>Carcinogenicity</b>	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.
Specific target organ toxi	<u>city (single exposure)</u>
Not available.	

#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Product/ingredient name	Result
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil- based	ASPIRATION HAZARD - Category 1

Information	on the likely	:	Not available.

#### routes of exposure Potential a<u>cute health effects</u>

i otentiai acute nea	
Eye contact	: Causes serious eye irritation.
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 to the physical, chemical and toxicological characteristics

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation dryness cracking
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.			
<u>Long term exposure</u>				
Potential immediate effects	: Not available.			
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#### SECTION 11: Toxicological information

Potential delayed effects :	Not available.
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#### Potential chronic health effects

Not available.

Conclusion/Summary General Carcinogenicity Mutagenicity	<ul> <li>Not available.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> <li>No known significant effects or critical hazards.</li> </ul>
Teratogenicity Developmental effects	: No known significant effects or critical hazards.
Fertility effects	<ul><li>No known significant effects or critical hazards.</li><li>No known significant effects or critical hazards.</li></ul>

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Other information
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: Not available.

## SECTION 12: Ecological information

SECTION 12: ECOIO	ogical informatio
12.1 Toxicity	
Conclusion/Summary	: Not available.
12.2 Persistence and degra	adability
Conclusion/Summary	: Not available.
<b>12.3 Bioaccumulative pote</b> Not available.	ential
12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.
12.5 Results of PBT and vi	PvB assessment
PBT	: Not applicable.
vPvB	: Not applicable.

- 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 nonrecyclable 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)

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## **SECTION 13: Disposal considerations**

	Waste code	Waste designation
	13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
P	ackaging	·
	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. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. 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	-	-	-	-

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

: Not available.

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 substa	inces subject to	authorization		
Annex XIV				
None of the components a	re listed.			
Substances of very high	<u>concern</u>			
None of the components a	re listed.			
Other EU regulations				
Europe inventory	: All compone	ents are listed or exempted	ed.	
Seveso II Directive				
This product is not controlle	d under the Seve	eso II Directive.		
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(WGK)	: 2 Appendix No. 4			
International regulations Chemical Weapon Convention List Schedules I, II & III Chemicals				
Not listed.	ention List Schedules I, II & III Chemicals			
Montreal Protocol (Anne	<u>∋xes A, B, C, E)</u>			
Not listed.				
Stockholm Convention	on Persistent Organic Pollutants			
Not listed.				
Rotterdam Convention of	on Prior Inform Consent (PIC)			
Not listed.				
Not listed.	I on POPs and Heavy Metals			
International lists				
National inventory				
Australia	: Not determined.			
Canada	: All components are listed or exempted.			
China	: Not determined.			
Japan	: Not determined.			
	: Not determined.			
Malaysia				
Malaysia New Zealand	: Not determined.			
	: Not determined. : Not determined.			
New Zealand				
New Zealand Philippines	: Not determined.			
New Zealand Philippines Republic of Korea	<ul><li>Not determined.</li><li>Not determined.</li></ul>			

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

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

Classi	fication	Justification
Eye Irrit. 2, H319		Calculation method
Full text of abbreviated H statements	: H304 H315 H318 H319 H411	May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

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SECTION 16	: Other inf	ormation
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Full text of classifications [CLP/GHS]	: Aquatic Chronic 2, H411AQUATIC HAZARD (LONG-TERM) - Category 2Asp. Tox. 1, H304ASPIRATION HAZARD - Category 1Eye Dam. 1, H318SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1Eye Irrit. 2, H319SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2Skin Irrit. 2, H315SKIN CORROSION/IRRITATION - Category 2		
Full text of abbreviated R phrases	<ul> <li>R41- Risk of serious damage to eyes.</li> <li>R38- Irritating to skin.</li> <li>R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</li> </ul>		
Full text of classifications [DSD/DPD]	: Xi - Irritant N - Dangerous for the environment		
Date of printing	: 14-01-2015		
Date of issue/ Date of revision	: 14-01-2015		
Date of previous issue	: 19-11-2013		
Version	: 1.02		
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.