

# SAFETY DATA SHEET

## Q8 T 60 Ntech 75W-80



Safety data sheet according to GOST 30333-2007

### Section 1. Chemical product and company identification

**GHS product identifier** : Q8 T 60 Ntech 75W-80  
**Viscosity or Type** : SAE 75W-80  
**Product type** : Liquid.

#### Relevant identified uses of the substance or mixture and uses advised against

**Material uses** : Lubricating oil for automotive transmissions

**Manufacturer / Distributor** : Kuwait Petroleum Companies in the Benelux  
Company Office: Brusselstraat 59, 2018 Antwerp, Belgium  
Contactaddress: Petroleumkaai 7, 2020 Antwerp, Belgium  
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.

#### Emergency telephone number

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



### Section 2. Hazards identification

Classification of the substance or mixture according to GOST 32419-2013 and GOST 32423/24/25-2013

#### Classification of the substance or mixture

Not classified.

**Ingredients of unknown toxicity** : None.

**Ingredients of unknown ecotoxicity** : None.

#### GHS label elements

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

#### Precautionary statements

**Prevention** : Not applicable.

**Response** : Not applicable.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Other hazards which do not result in classification** : Prolonged or repeated contact may dry skin and cause irritation.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture  
**Other means of identification** : Not available.

| Ingredient name                                                                                                                               | %    | CAS number | Classification                                                                                                                                                                                   | Type |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Mineral oil                                                                                                                                   | ≤5   | *          | ASPIRATION HAZARD - Category 1                                                                                                                                                                   | [1]  |
| bis(nonylphenyl)amine                                                                                                                         | ≤3   | 36878-20-3 | AQUATIC HAZARD (LONG-TERM) - Category 4                                                                                                                                                          | [1]  |
| Reaction products of bis(4-methylpentan-2-yl)dithiophosphoric acid with phosphorus oxide, propylene oxide and amines, C12-14-alkyl (branched) | <2.5 | -          | ACUTE TOXICITY (oral) - Category 4<br>SERIOUS EYE DAMAGE - Category 1<br>CHEMICALS THAT CAUSE SENSITIZATION - Chemical which cause skin sensitization<br>AQUATIC HAZARD (LONG-TERM) - Category 2 | [1]  |

\* CAS: 64742-54-7, 64742-55-8, 64742-56-9, 64742-65-0.

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 and hence require reporting in this section.**

### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Additional disclosure due to company policy

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

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : 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.

### Most important symptoms/effects, 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.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

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

## Section 4. First aid measures

- Skin contact** : Adverse symptoms may include the following:  
irritation  
dryness  
cracking
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- 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.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### 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.

**Specific hazards arising from the chemical** : 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

**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.

## Section 6. Accidental release measures

### 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 specialized 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".

**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).

### 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.

## Section 6. Accidental release measures

- 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### 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.

- 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. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

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

### Individual protection measures

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

## 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** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: Boiling point > 65 °C: A1; Boiling point < 65 °C: AX1; Hot material: A1P2.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid. [Oily liquid.]
- Appearance** : Clear.
- Color** : Yellow [Light]
- Odor** : Characteristic.
- Odor threshold** : Not available.
- pH** : 7
- Melting point** : <-33°C (<-27.4°F)
- Boiling point** : >300°C (>572°F)
- Flash point** : Open cup: >182°C (>359.6°F) [ASTM D92.]
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not applicable.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : <0.01 kPa (<0.075006 mm Hg) [room temperature]
- Vapor density** : Not available.
- Density** : 0.86 g/cm³ [15°C]
- Solubility** : Insoluble in the following materials: cold water and hot water.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : >300°C (>572°F)
- Decomposition temperature** : >300°C (>572°F)
- Viscosity (40°C)** : 57.9 cSt
- Viscosity (100°C)** : 9.7 cSt
- Flow time (ISO 2431)** : Not available.

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : Reactive or incompatible with the following materials:  
Strong oxidizing materials
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name | Result                          | Species               | Dose        | Exposure |
|-------------------------|---------------------------------|-----------------------|-------------|----------|
| Mineral oil             | LC50 Inhalation Dusts and mists | Rat - Male,<br>Female | 5.53 mg/l   | 4 hours  |
|                         | LD50 Dermal                     | Rabbit                | >5000 mg/kg | -        |
|                         | LD50 Oral                       | Rat                   | >5000 mg/kg | -        |

#### Irritation/Corrosion

| Product/ingredient name | Result                             | Species | Score | Exposure | Observation |
|-------------------------|------------------------------------|---------|-------|----------|-------------|
| Mineral oil             | Skin - Erythema/Eschar             | Rabbit  | 0.17  | 72 hours | 7 days      |
|                         | Skin - Edema                       | Rabbit  | 0     | 72 hours | 7 days      |
|                         | Eyes - Iris lesion                 | Rabbit  | 0     | 48 hours | 72 hours    |
|                         | Eyes - Redness of the conjunctivae | Rabbit  | 0.33  | 48 hours | 72 hours    |

#### Sensitization

| Product/ingredient name | Route of exposure | Species    | Result          |
|-------------------------|-------------------|------------|-----------------|
| Mineral oil             | skin              | Guinea pig | Not sensitizing |

#### Mutagenicity

| Product/ingredient name | Test                                        | Experiment                                                        | Result   |
|-------------------------|---------------------------------------------|-------------------------------------------------------------------|----------|
| Mineral oil             | 474 Mammalian Erythrocyte Micronucleus Test | Experiment: In vivo<br>Subject: Mammalian-Animal<br>Cell: Somatic | Negative |

#### Carcinogenicity

| Product/ingredient name | Result                 | Species        | Dose | Exposure |
|-------------------------|------------------------|----------------|------|----------|
| Mineral oil             | Negative - Dermal - TC | Mouse - Female | -    | 78 weeks |

#### Reproductive toxicity

| Product/ingredient name | Maternal toxicity | Fertility | Development toxin | Species            | Dose                | Exposure |
|-------------------------|-------------------|-----------|-------------------|--------------------|---------------------|----------|
| Mineral oil             | Negative          | Negative  | Negative          | Rat - Male, Female | Oral:<br>1000 mg/kg | -        |

#### Teratogenicity

| Product/ingredient name | Result            | Species | Dose       | Exposure        |
|-------------------------|-------------------|---------|------------|-----------------|
| Mineral oil             | Negative - Dermal | Rat     | 2000 mg/kg | 7 days per week |

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

Not available.

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

Not available.

#### Aspiration hazard

| Name        | Result                         |
|-------------|--------------------------------|
| Mineral oil | ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure : Not available.

#### Potential acute health effects

## Section 11. Toxicological information

|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Eye contact</b>  | : No known significant effects or critical hazards.             |
| <b>Inhalation</b>   | : No known significant effects or critical hazards.             |
| <b>Skin contact</b> | : Defatting to the skin. May cause skin dryness and irritation. |
| <b>Ingestion</b>    | : No known significant effects or critical hazards.             |

### Symptoms related to the physical, chemical and toxicological characteristics

|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| <b>Eye contact</b>  | : No specific data.                                                                |
| <b>Inhalation</b>   | : No specific data.                                                                |
| <b>Skin contact</b> | : Adverse symptoms may include the following:<br>irritation<br>dryness<br>cracking |
| <b>Ingestion</b>    | : No specific data.                                                                |

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

#### Long term exposure

|                                    |                  |
|------------------------------------|------------------|
| <b>Potential immediate effects</b> | : Not available. |
| <b>Potential delayed effects</b>   | : Not available. |

#### Potential chronic health effects

| Product/ingredient name | Result                           | Species            | Dose                   | Exposure                  |
|-------------------------|----------------------------------|--------------------|------------------------|---------------------------|
| Mineral oil             | 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 Vapor | Rat - Male         | >980 mg/m <sup>3</sup> | 4 weeks; 5 days per week  |

|                              |                                                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>General</b>               | : Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. |
| <b>Carcinogenicity</b>       | : No known significant effects or critical hazards.                                                    |
| <b>Mutagenicity</b>          | : No known significant effects or critical hazards.                                                    |
| <b>Teratogenicity</b>        | : No known significant effects or critical hazards.                                                    |
| <b>Developmental effects</b> | : No known significant effects or critical hazards.                                                    |
| <b>Fertility effects</b>     | : No known significant effects or critical hazards.                                                    |

### Numerical measures of toxicity

#### Acute toxicity estimates

| Route | ATE value      |
|-------|----------------|
| Oral  | 42973.79 mg/kg |

## Section 12. Ecological information

### Toxicity

| Product/ingredient name | Result                                                                                                                                     | Species                                                                                   | Exposure                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------|
| Mineral oil             | Acute NEL >100 mg/l Fresh water<br>Acute NEL >10000 mg/l Fresh water<br>Acute NEL ≥100 mg/l Fresh water<br>Chronic NEL 10 mg/l Fresh water | Algae<br>Daphnia - Daphnia Magma<br>Fish - Pimephales promelas<br>Daphnia - Daphnia magna | 72 hours<br>48 hours<br>96 hours<br>21 days |

### Persistence and degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| Mineral oil             | -                 | -          | Inherent         |

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF  | Potential |
|-------------------------|--------------------|------|-----------|
| bis(nonylphenyl)amine   | 3.64 to 7.02       | 1730 | high      |

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

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

## Section 13. Disposal considerations

**Disposal methods** : 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. 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.

## Section 14. Transport information

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

## Section 14. Transport information

**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.

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

## Section 15. Regulatory information

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

|                          |                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Australia</b>         | : All components are listed or exempted.                                                                                  |
| <b>Canada</b>            | : All components are listed or exempted.                                                                                  |
| <b>China</b>             | : All components are listed or exempted.                                                                                  |
| <b>Europe</b>            | : All components are listed or exempted.                                                                                  |
| <b>Japan</b>             | : <b>Japan inventory (ENCS):</b> All components are listed or exempted.<br><b>Japan inventory (ISHL):</b> Not determined. |
| <b>Malaysia</b>          | : Not determined                                                                                                          |
| <b>New Zealand</b>       | : All components are listed or exempted.                                                                                  |
| <b>Philippines</b>       | : All components are listed or exempted.                                                                                  |
| <b>Republic of Korea</b> | : All components are listed or exempted.                                                                                  |
| <b>Taiwan</b>            | : Not determined.                                                                                                         |
| <b>Thailand</b>          | : Not determined.                                                                                                         |
| <b>Turkey</b>            | : Not determined.                                                                                                         |
| <b>United States</b>     | : All components are listed or exempted.                                                                                  |
| <b>Viet Nam</b>          | : Not determined.                                                                                                         |

## Section 16. Other information

### History

|                                       |                                                        |
|---------------------------------------|--------------------------------------------------------|
| <b>Date of printing</b>               | : 23-01-2020                                           |
| <b>Date of issue/Date of revision</b> | : 23-01-2020                                           |
| <b>Date of previous issue</b>         | : No previous validation                               |
| <b>Version</b>                        | : 1                                                    |
| <b>Prepared by</b>                    | :                                                      |
| <b>Training advice</b>                | : Ensure operatives are trained to minimise exposures. |

## Section 16. Other information

### Key to abbreviations

: ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 GOST = Gosudarstvennyy standart  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 UN = United Nations

### Procedure used to derive the classification

| Classification  | Justification |
|-----------------|---------------|
| Not classified. |               |

### References

: Not available.

Indicates information that has changed from previously issued version.

### Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.