

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Sulfur in Crude Oil, 1000ppm

Revision:

Product code: AC18.06134

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

### 1.1. Product identifier

Sulfur in Crude Oil, 1000ppm

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

#### Use of the substance/mixture

Reagents and laboratory chemicals  
Only for laboratory and analysis purposes.

### 1.3. Details of the supplier of the safety data sheet

#### Details of the supplier of the safety data sheet

Company name: AnalytiChem Services, Unipessoal, Lda  
Street: Rua de Júlio Dinis 676 7º  
Place: P-4050-320 Porto  
Telephone: +351 226002917  
E-mail: info@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Internet: www.analytichem.com  
Responsible Department: SDS service department

#### Supplier or manufacturer details

Company name: AnalytiChem Canada Inc.  
Québec, CANADA  
Street: 21800 Clark Graham Ave  
Place: CDN-H9X 4B6 Baie-D'Urfé  
Telephone: +1 (800) 361-6820      Telefax: +1 (800) 253-5549  
E-mail: info@analytichem.com  
Contact person: SDS service department  
E-mail: SDS@analytichem.com  
Internet: www.analytichem.com  
Responsible Department: AnalytiChem:  
EU-Belgium: AnalytiChem Belgium, Industriezone "De Arend" 2, 8210 Zedelgem, Belgium, +32 50 28 83 20  
EU-Germany: AnalytiChem Germany, Stempelstrasse 6, 47167 Duisburg, Germany, +49 203 51 94 – 200  
EU-Netherlands: AnalytiChem Netherlands, Communicatieweg 7, 3641 SG Mijdrecht, The Netherlands, +31 297 286848  
UK: AnalytiChem UK, Unit 7 Launton Business Center, Murdock Road, Bicester, OX26 4XB, England, +44 1869 355 500  
USA: AnalytiChem USA, 227 China Road, Winslow, Maine, 04901, United States, +1 800-244-8378  
Canada: AnalytiChem Canada, 21800 Clark Graham Avenue, Baie d'Urfe, H9X 4B6, Canada, +1 514-457-0701  
Australia: ORE Research & Exploration Pty Ltd, 37A Hosie Street, Bayswater North, 3153, Australia, +61 3 9729 0333  
+353 1 901 4670 (CHEMTREC)

### 1.4. Emergency telephone number:

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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**Regulation (EC) No 1272/2008**

Carc. 1B; H350  
Asp. Tox. 1; H304

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**Regulation (EC) No 1272/2008**

**Hazard components for labelling**

"Distillates (petroleum), hydro-treated light; Kerosine - unspecified"  
Petroleum

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H304 May be fatal if swallowed and enters airways.  
H350 May cause cancer.

**Precautionary statements**

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P308+P313 IF exposed or concerned: Get medical advice/attention.

**Special labelling**

Restricted to professional users.

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

**3.2. Mixtures**

**Relevant ingredients**

| CAS No     | Chemical name  |              |          | Quantity    |
|------------|--|--------------|----------|-------------|
|            | EC No  | Index No     | REACH No |             |
|            | Classification (Regulation (EC) No 1272/2008)                          |              |          |             |
| 64742-47-8 | "Distillates (petroleum), hydro-treated light; Kerosine - unspecified" |              |          | 45 - < 50 % |
|            | 265-149-8  | 649-422-00-2 |          |             |
|            | Asp. Tox. 1; H304  |              |          |             |
| 8002-05-9  | Petroleum  |              |          | 10 - < 15 % |
|            | 232-298-5  | 649-049-00-5 |          |             |
|            | Flam. Liq. 3, Carc. 1B, Asp. Tox. 1; H226 H350 H304                    |              |          |             |

Full text of H and EUH statements: see section 16.

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**Specific Conc. Limits, M-factors and ATE**

| CAS No     | EC No     | Chemical name  | Quantity    |
|------------|-----------|--|-------------|
|            |           | Specific Conc. Limits, M-factors and ATE   |             |
| 64742-47-8 | 265-149-8 | "Distillates (petroleum), hydro-treated light; Kerosine - unspecified"                           | 45 - < 50 % |
|            |           | inhalation: LC50 = > 5,28 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg |             |

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**SECTION 5: Firefighting measures**
**5.1. Extinguishing media**
**SECTION 6: Accidental release measures**
**SECTION 7: Handling and storage**
**7.1. Precautions for safe handling**
**7.2. Conditions for safe storage, including any incompatibilities**
**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**8.2. Exposure controls**
**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

|                 |              |
|-----------------|--------------|
| Physical state: | Liquid       |
| Colour:         | clear        |
| Odour:          | Hydrocarbons |

**SECTION 10: Stability and reactivity**
**SECTION 11: Toxicological information**
**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**
**Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

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| CAS No     | Chemical name  |                   |         |                     |                    |
|------------|--|-------------------|---------|---------------------|--------------------|
|            | Exposure route   | Dose              | Species | Source              | Method             |
| 64742-47-8 | "Distillates (petroleum), hydro-treated light; Kerosine - unspecified" |                   |         |                     |                    |
|            | oral   | LD50 > 5000 mg/kg | Rat     | Study report (1992) | EPA OTS 798.1175   |
|            | dermal   | LD50 > 2000 mg/kg | Rabbit  | Study report (1992) | EPA OTS 798.1100   |
|            | inhalation (4 h) vapour  | LC50 > 5,28 mg/l  | Rat     | Study report (1987) | OECD Guideline 403 |

**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

May cause cancer. (Petroleum)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**SECTION 12: Ecological information**
**12.1. Toxicity**

Based on available data, the classification criteria are not met.

| CAS No     | Chemical name  |                 |           |                          |                     |                    |
|------------|--|-----------------|-----------|--------------------------|---------------------|--------------------|
|            | Aquatic toxicity   | Dose            | [h]   [d] | Species                  | Source              | Method             |
| 64742-47-8 | "Distillates (petroleum), hydro-treated light; Kerosine - unspecified" |                 |           |                          |                     |                    |
|            | Acute fish toxicity  | LL50 2 - 5 mg/l | 96 h      | Oncorhynchus mykiss      | Study report (1994) | OECD Guideline 203 |
|            | Acute algae toxicity   | ErC50 8,3 mg/l  | 72 h      | Raphidocelis subcapitata | Study report (1995) | OECD Guideline 201 |
|            | Acute crustacea toxicity   | EL50 1,4 mg/l   | 48 h      | Daphnia magna            | Study report (1995) | OECD Guideline 202 |

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**

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**SECTION 14: Transport information**
**Land transport (ADR/RID)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Inland waterways transport (ADN)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Marine transport (IMDG)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Air transport (ICAO-TI/IATA-DGR)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EU regulatory information**

 Restrictions on use (REACH, annex XVII):  
 Entry 3, Entry 28, Entry 40, Entry 75

**National regulatory information**

Water hazard class (D): 3 - highly hazardous to water

**SECTION 16: Other information**
**Abbreviations and acronyms**

 Flam. Liq. 3: Flammable liquids, hazard category 3  
 Asp. Tox. 1: Aspiration hazard, hazard category 1  
 Carc. 1B: Carcinogenicity, hazard category 1B

**Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]**

| Classification    | Classification procedure |
|-------------------|--------------------------|
| Carc. 1B; H350    | Calculation method       |
| Asp. Tox. 1; H304 | Calculation method       |

**Relevant H and EUH statements (number and full text)**

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|      |   |
|------|---|
| H226 | Flammable liquid and vapour.                  |
| H304 | May be fatal if swallowed and enters airways. |
| H350 | May cause cancer.                             |

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*