

Metals in Crude Oil Std 1

Revision:

Product code: AC18.06142

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1. Identification

Product identifier

Metals in Crude Oil Std 1

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.

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

Emergency telephone number:

+1 703-741-5970 (CHEMTREC)

2. Hazard identification

Classification of the substance or mixture

Regulation (EC) No 1272/2008

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

Full text of hazard statements: see SECTION 16.

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.

3. Composition/information on ingredients**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 statements: see section 16.

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	

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4. First-aid measures
Description of first aid measures
5. Fire-fighting measures
Extinguishing media
6. Accidental release measures
7. Handling and storage
Precautions for safe handling
Conditions for safe storage, including any incompatibilities
8. Exposure controls/Personal protection
Control parameters
Exposure controls
9. Physical and chemical properties
Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	clear
Odour:	Hydrocarbons

10. Stability and reactivity
11. Toxicological information
Information on toxicological effects
Acute toxicity

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

ATEmix calculated

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

CAS No	Chemical name				
	Route of exposure	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.

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Sensitizing 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.

12. Ecological information

Ecotoxicity

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 mg/l	2 - 5	96 h	Oncorhynchus mykiss	Study report (1994)
	Acute algae toxicity	ErC50	8,3 mg/l	72 h	Raphidocelis subcapitata	Study report (1995)
	Acute crustacea toxicity	EL50	1,4 mg/l	48 h	Daphnia magna	Study report (1995)
						OECD Guideline 203
						OECD Guideline 201
						OECD Guideline 202

Results of PBT and vPvB assessment

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

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.

13. Disposal considerations

Waste treatment methods

14. Transport information

Land transport (ADR/RID)

UN number or ID number:

No dangerous good in sense of this transport regulation.

United Nations proper shipping name:

No dangerous good in sense of this transport regulation.

Transport hazard class(es):

No dangerous good in sense of this transport regulation.

Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

UN number or ID number:

No dangerous good in sense of this transport regulation.

United Nations proper shipping name:

No dangerous good in sense of this transport regulation.

Transport hazard class(es):

No dangerous good in sense of this transport regulation.

Packing group:

No dangerous good in sense of this transport regulation.

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Marine transport (IMDG)

UN number or ID number: No dangerous good in sense of this transport regulation.
United Nations proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number: No dangerous good in sense of this transport regulation.
United Nations proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

No dangerous good in sense of this transport regulation.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No dangerous good in sense of this transport regulation.

15. Regulatory information

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

16. Other information

Abbreviations and acronyms

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

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008

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

Relevant H statements (number and full text)

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.)