

Metals in Crude Oil Std 10

Revision:

Product code: AC18.06151

Page 2 of 5

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 | |

Metals in Crude Oil Std 10

Revision:

Product code: AC18.06151

Page 3 of 5

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.

Metals in Crude Oil Std 10

Revision:

Product code: AC18.06151

Page 4 of 5

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) 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 |

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.

Metals in Crude Oil Std 10

Revision:

Product code: AC18.06151

Page 5 of 5

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.)