



SAFETY DATA SHEET
DIESEL INJECTOR CLEANER

Page: 1

Compilation date: 14/06/2011

Revision date: 01/09/2017

Revision No: 1b

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: DIESEL INJECTOR CLEANER

Product code: 7627

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

1.3. Details of the supplier of the safety data sheet

Company name: Millers Oils Ltd
Hillside Oilworks
Rastrick Common
Brighouse
West Yorkshire
HD6 3DP
United Kingdom

Tel: +44 (0)1484 713201

Fax: +44 (0)1484 721263

Email: h.s@millersoils.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)1484 713201

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412; Asp. Tox. 1: H304

Most important adverse effects: May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H304: May be fatal if swallowed and enters airways.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS08: Health hazard



[cont...]

SAFETY DATA SHEET
DIESEL INJECTOR CLEANER

Page: 2

Signal words: Danger

Precautionary statements: P273: Avoid release to the environment.

P301+310: IF SWALLOWED: Immediately call a.

P331: Do NOT induce vomiting.

P405: Store locked up.

P501: Dispose of contents/container to disposal should be in accordance with local, state or national legislation.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS - REACH registered number(s): 01-2119456620-43-XXXX

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|-----------|--------------------|---------|
| 926-141-6 | 64742-47-8 | - | Asp. Tox. 1: H304 | 70-90% |

2-ETHYLHEXYL NITRATE - REACH registered number(s): 01-2119539586-27-XXXX

| | | | | |
|-----------|------------|---|---|-------|
| 248-363-6 | 27247-96-7 | - | Acute Tox. 4: H312; Aquatic Chronic 2: H411; Acute Tox. 4: H332; Acute Tox. 4: H302 | 1-10% |
|-----------|------------|---|---|-------|

NAPHTHA (PETROLEUM), HEAVY AROMATIC - REACH registered number(s): 01-2119463588-24-XXXX

| | | | | |
|-----------|---|---|--|-------|
| 265-198-5 | - | - | Aquatic Chronic 2: H411; Asp. Tox. 1: H304 | 1-10% |
|-----------|---|---|--|-------|

NAPHTHALENE

| | | | | |
|-----------|---------|---|---|-----|
| 202-049-5 | 91-20-3 | - | Carc. 2: H351; Acute Tox. 4: H302; Aquatic Chronic 1: H410; Aquatic Acute 1: H400 | <1% |
|-----------|---------|---|---|-----|

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

[cont...]

SAFETY DATA SHEET
DIESEL INJECTOR CLEANER

Page: 3

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be coughing and a sore throat.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

[cont...]

SAFETY DATA SHEET
DIESEL INJECTOR CLEANER

Page: 4

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

2-ETHYLHEXYL NITRATE

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| EU | 1 ppm | 1 ppm | - | - |

DNEL/PNEC Values

Hazardous ingredients:

2-ETHYLHEXYL NITRATE

| Type | Exposure | Value | Population | Effect |
|------|---------------------|--------------------------|------------|----------|
| DNEL | Dermal | 1 mg/kg bw/day | Workers | Systemic |
| DNEL | Inhalation | 0.35 mg/m ³ | Workers | Systemic |
| DNEL | Dermal | 0.044 mg/cm ² | Workers | Local |
| DNEL | Dermal | 0.52 mg/kg bw/day | Consumers | Systemic |
| DNEL | Inhalation | 0.087 mg/m ³ | Consumers | Systemic |
| DNEL | Oral | 0.025 mg/kg bw/day | Consumers | Systemic |
| DNEL | Dermal | 0.022 mg/cm ² | Consumers | Local |
| PNEC | Fresh water | 0.8 ug/l | - | - |
| PNEC | Marine water | 0.08 ug/l | - | - |
| PNEC | Marine sediments | 0.00074 mg/kg dwt | - | - |
| PNEC | Soil (agricultural) | 0.000191 mg/kg dwt | - | - |

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

[cont...]

SAFETY DATA SHEET
DIESEL INJECTOR CLEANER

Page: 5

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid
Odour: Barely perceptible odour
Evaporation rate: No data available.
Oxidising: No data available.
Solubility in water: Insoluble
Viscosity: Non-viscous
Boiling point/range°C: No data available. **Melting point/range°C:** No data available.
Flammability limits %: lower: No data available. **upper:** No data available.
Flash point°C: >65 **Part.coeff. n-octanol/water:** No data available.
Autoflammability°C: No data available. **Vapour pressure:** No data available.
Relative density: 0.832 **pH:** No data available.
VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

SAFETY DATA SHEET
DIESEL INJECTOR CLEANER

Page: 6

Hazardous ingredients:

HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS

| | | | | |
|-----|-----|------|-------|-------|
| ORL | RAT | LD50 | >5000 | mg/kg |
| SKN | RBT | LD50 | >2000 | mg/kg |

2-ETHYLHEXYL NITRATE

| | | | | |
|------|-----|------|------|------|
| ORAL | RAT | LD50 | >9.6 | g/kg |
|------|-----|------|------|------|

NAPHTHALENE

| | | | | |
|-----|-----|------|-------|-------|
| ORL | MUS | LD50 | 316 | mg/kg |
| ORL | RAT | LD50 | 490 | mg/kg |
| SKN | RAT | LD50 | >2500 | mg/kg |

Relevant hazards for product:

| Hazard | Route | Basis |
|-------------------|-------|-----------------------|
| Aspiration hazard | - | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be coughing and a sore throat.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

HYDROCARBONS, C11-14, N-ALKANES, ISOALKANES, CYCLIC, <2% AROMATICS

| | | | |
|---|----------|-----|------|
| - | 72H IC50 | 1-3 | mg/l |
| - | 48H EC50 | 1.4 | mg/l |
| - | 96H LC50 | 2-5 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

[cont...]

SAFETY DATA SHEET
DIESEL INJECTOR CLEANER

Page: 7

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Conforms to regulation (EC) No 1907/2006 (REACH)

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H332: Harmful if inhaled.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.