



SAFETY DATA SHEET
DIESEL POWER ECOMAX

Page: 1

Compilation date: 26/04/2011

Revision date: 19/06/2017

Revision No: 1b

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

1.1. Product identifier

Product name: DIESEL POWER ECOMAX

Product code: 6204

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

Use of substance / mixture: Diesel fuel treatment

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: Acute Tox. 4: H312+332; Aquatic Chronic 2: H411

Most important adverse effects: Harmful in contact with skin or if inhaled. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H312+332: Harmful in contact with skin or if inhaled.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental



[cont...]

SAFETY DATA SHEET

DIESEL POWER ECOMAX

Page: 2

Signal words: Warning

Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+350: IF ON SKIN: Gently wash with plenty of soap and water.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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:

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

EINECS	CAS	PBT / WEL	CLP Classification	Percent
248-363-6	27247-96-7	-	Acute Tox. 4: H312; Aquatic Chronic 2: H411; Acute Tox. 4: H332; Acute Tox. 4: H302	70-90%

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%
-----------	---------	---	---	-----

LIMONENE

227-813-5	5989-27-5	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Asp. Tox. 1: H304; Aquatic Chronic 1: H410; Skin Sens. 1B: H317	<1%
-----------	-----------	---	--	-----

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. 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.

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

[cont...]

SAFETY DATA SHEET

DIESEL POWER ECOMAX

Page: 3

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

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

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. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

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.

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.

[cont...]

SAFETY DATA SHEET

DIESEL POWER ECOMAX

Page: 4

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: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale brown

Evaporation rate: No data available.

[cont...]

SAFETY DATA SHEET

DIESEL POWER ECOMAX

Page: 5

Oxidising: No data available.

Solubility in water: Insoluble

Viscosity: Non-viscous

Kinematic viscosity: 1.5 cSt

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: 68

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 0.936

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.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

2-ETHYLHEXYL NITRATE

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

[cont...]

SAFETY DATA SHEET

DIESEL POWER ECOMAX

Page: 6

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
Acute toxicity (ac. tox. 4)	INH DRM	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be coughing and a sore throat.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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

[cont...]

SAFETY DATA SHEET

DIESEL POWER ECOMAX

Page: 7

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Contains: 2-Ethylhexyl Nitrate.)

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

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: H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H312+332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive

[cont...]

SAFETY DATA SHEET

DIESEL POWER ECOMAX

Page: 8

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.