



SAFETY DATA SHEET

CVL

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Compilation date: 30/11/2007

Revision date: 13/12/2021

Revision No: 1d

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

1.1. Product identifier

Product name: CVL

Product code: 5587

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

Use of substance / mixture: Petrol 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: NHS Direct +44 111

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT SE 3: H336; Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Carc. 2: H351; -: EUH066; -: EUH208

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Contains (4-nonylphenoxy)acetic acid. May produce an allergic reaction. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Suspected of causing cancer. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.

[cont...]

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EUH208: Contains (4-nonylphenoxy)acetic acid. May produce an allergic reaction.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H351: Suspected of causing cancer.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



Signal words: Danger

Precautionary statements: P281: Use personal protective equipment as required.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P273: Avoid release to the environment.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P308+313: IF exposed or concerned: Get medical advice/attention.

P331: Do NOT induce vomiting.

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, C10, AROMATICS, <1% NAPHTHALENE - REACH registered number(s): 01-2119463583-34-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
918-811-1	-	-	Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 2: H411; -: EUH066	70-90%

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. - REACH registered number(s): 01-2119463588-24

265-198-5	64742-94-5	-	Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 2: H411	10-30%
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POTASSIUM 1,2-BIS(2-ETHYLHEXYLOXYCARBONYL)-ETHANESULPHONATE

231-308-5	7491-09-0	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	1-10%
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NAPHTHALENE

202-049-5	91-20-3	-	Carc. 2: H351; Acute Tox. 4: H302; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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FERROCENE - REACH registered number(s): 01-2119978280-34-XXXX

203-039-3	102-54-5	-	Flam. Sol. 1: H228; Acute Tox. 4: H302+332; Repr. 1B: H360FD; STOT RE 2: H373; Aquatic Chronic 1: H410	<1%
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BENZENE, 1,2,4-TRIMETHYL- - REACH registered number(s): 01-2119472135-42

202-436-9	95-63-6	-	Flam. Liq. 3: H226; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Acute Tox. 4: H332	<1%
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(4-NONLPHENOXYL)ACETIC ACID

221-486-2	3115-49-9	-	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1A: H317; Aquatic Chronic 2: H411	<1%
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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.

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.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises. Show this safety data sheet to the doctor in attendance.

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. Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

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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: Eliminate all sources of ignition. 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. Do not handle in a confined space. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep away from sources of ignition. Keep away from direct sunlight. Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

[cont...]

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SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	151 mg/m ³	-	-	-

DNEL/PNEC Values

Hazardous ingredients:

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	12.5 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	151 mg/m ³	Workers	Systemic
DNEL	Dermal (developmental tox)	7.5 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation (developmental tox)	32 mg/m ³	Consumers	Systemic
DNEL	Oral (developmental tox)	7.5 mg/kg bw/day	Consumers	Systemic

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

Type	Exposure	Value	Population	Effect
DNEL	Dermal	12.5 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	151 mg/m ³	Workers	Systemic
DNEL	Dermal	7.5 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	32 mg/m ³	Consumers	Systemic
DNEL	Oral	7.5 mg/kg bw/day	Consumers	Systemic

POTASSIUM 1,2-BIS(2-ETHYLHEXYLOXYCARBONYL)-ETHANESULPHONATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	18.75 mg/kg bw/day	-	Systemic
DNEL	Inhalation	132.2 mg/m ³	-	Systemic
PNEC	Fresh water	0.0066 mg/l	-	-
PNEC	Marine water	0.00066 mg/l	-	-
PNEC	Microorganisms in sewage treatment	122 mg/l	-	-
PNEC	Fresh water sediments	0.525 mg/kg	-	-
PNEC	Marine sediments	0.0525 mg/kg	-	-
PNEC	Soil (agricultural)	0.101 mg/kg	-	-

NAPHTHALENE

Type	Exposure	Value	Population	Effect
DNEL	Dermal (developmental tox)	3.57 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (developmental tox)	25 mg/m ³	Workers	Systemic

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DNEL	Inhalation (developmental tox)	25 mg/m3	Workers	Local
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FERROCENE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	0.02 mg/m3	Workers	Systemic
DNEL	Inhalation	0.04 mg/m3	Workers	Systemic
DNEL	Dermal (repeated dose)	0.025 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	0.005 mg/m3	Consumers	Systemic
DNEL	Oral (repeated dose)	0.013 mg/kg bw/day	Consumers	Systemic

BENZENE, 1,2,4-TRIMETHYL-

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	100 mg/m3	Workers	Systemic
DNEL	Inhalation	100 mg/m3	Workers	Local
DNEL	Dermal	16171 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	100 mg/m3	Workers	Systemic
DNEL	Inhalation (repeated dose)	100 mg/m3	Workers	Local
DNEL	Inhalation	29.4 mg/m3	Consumers	Systemic
DNEL	Inhalation	29.4 mg/m3	Consumers	Local
DNEL	Dermal	9512 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	29.4 mg/m3	Consumers	Systemic
DNEL	Oral	15 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	29.4 mg/m3	Consumers	Local
PNEC	Fresh water	0.12 mg/l	-	-
PNEC	Marine water	0.12 mg/l	-	-
PNEC	Microorganisms in sewage treatment	2.41 mg/l	-	-
PNEC	Fresh water sediments	13.56 mg/kg dwt	-	-
PNEC	Marine sediments	13.56 mg/kg dwt	-	-
PNEC	Soil (agricultural)	2.34 mg/kg dwt	-	-

8.2. Exposure controls

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

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Colour: Amber

Odour: Aromatic

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Immiscible in water.

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Kinematic viscosity: 0.8-2 cSt

Boiling point/range°C: 180 - 215

Melting point/range°C: No data available.

Flammability limits %: lower: 0.6

upper: 7.0

Flash point°C: 62

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

Autoflammability°C: >400

Vapour pressure: No data available.

Relative density: 0.87

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. Sources of ignition. Direct sunlight.

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...]

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Hazardous ingredients:

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

DERMAL	RBT	LD50	2000	mg/kg
VAPOURS	RAT	4H LC50	>590	mg/m3

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

DERMAL	RBT	LD50	> 2000	mg/kg
DUST/MIST	RAT	4H LC50	>5.28	mg/l
ORAL	RAT	LD50	> 5000	mg/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
Carcinogenicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
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, C10, AROMATICS, <1% NAPHTHALENE

ALGAE	72H ErC50	1-3	mg/l
DAPHNIA	48H EC50	3-10	mg/l
FISH	96H LC50	2-5	mg/l

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SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM.

ALGAE	72H ErC50	1-3	mg/l
DAPHNIA	48H EC50	3-10	mg/l
FISH	96H LC50	2-5	mg/l

BENZENE, 1,2,4-TRIMETHYL-

Daphnia magna	48H EC50	3.6	mg/l
FISH	96H LC50	7.72	mg/l

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: No data available.

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

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Contains: Aromatic hydrocarbons, Solvent naphtha)

14.3. Transport hazard class(es)

Transport class: 9

[cont...]

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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.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

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

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.
EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
H226: Flammable liquid and vapour.
H228: Flammable solid.
H302: Harmful if swallowed.
H302+332: Harmful if swallowed or if inhaled.
H304: May be fatal if swallowed and enters airways.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H360FD: May damage fertility. May damage the unborn child.
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that

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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 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.

