

SAFETY DATA SHEET

E10x

Page: 1

Compilation date: 17/09/2021

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

1.1. Product identifier

Product name: E10x

Product code: E10200

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: ECOMOTIVE

Faircharm trading estate

Leicester

LE3 2BU

United Kingdom

Tel: 0845 052 1349

Email: info@eco-motive.com

1.4. Emergency telephone number

Emergency tel: 0845 052 1349

(office hours only)

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



Signal words: Danger

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SAFETY DATA SHEET

E10x

Page: 2

Precautionary statements: P273: Avoid release to the environment.
P331: Do NOT induce vomiting.
P405: Store locked up.
P501: Dispose of contents/container to a hazardous or special waste collection point.

Haz. ingredients (label): DISTILLATES (PETROLEUM) HYDROTREATED LIGHT

2.3. Other hazards

Section 3: Composition/information on ingredients

3.2. Mixtures

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

Hazardous ingredients:

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT - 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%

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

EINECS	CAS	PBT / WEL	CLP Classification	Percent
918-811-1	64742-94-5	-	Asp. Tox. 1: H304; STOT SE 3: H336; Aquatic Chronic 2: H411; -: EUH066	<1%

1,2,4-TRIMETHYLBENZENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-436-9	95-63-6	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	<1%

DISYCLOPENTA-DEINYL IRON

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-039-3	102-54-5	-	Flam. Sol. 2: H228; Acute Tox. 4: H302; STOT RE 2: H373; Aquatic Chronic 1: H410; Repr. 1B: H360FD; Acute Tox. 4: H332	<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.

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

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SAFETY DATA SHEET

E10x

Page: 3

Ingestion: Do not induce vomiting. Wash out mouth with water. Transfer to hospital as soon as possible.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

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.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

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

Immediate / special treatment: Do not induce vomiting. Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Carbon dioxide. Alcohol resistant foam. Dry chemical powder.
Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Exposure hazards: In combustion emits toxic fumes.

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. Eliminate all sources of ignition. 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. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

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

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SAFETY DATA SHEET

E10x

Page: 4

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Non-classified ingredients:

1,2,4-TRIMETHYLBENZENE

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	125 mg/m ³	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Hand protection: Gloves (solvent-resistant).

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

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale brown

Odour: Characteristic odour

Evaporation rate: Moderate

Oxidising: Not applicable.

Solubility in water: Insoluble

Viscosity: Non-viscous

Kinematic viscosity: <7

Viscosity test method: Kinematic viscosity in 10⁻⁶ m²/s at 40°C (ISO 3104/3105)

Boiling point/range°C: >100

Melting point/range°C: Not applicable.

Flammability limits %: lower: No data available.

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SAFETY DATA SHEET

E10x

Page: 5

Flash point°C: 60 - 93
Autoflammability°C: >200
Relative density: 0.850 typical
VOC g/l: No data available.

upper: No data available.
Part.coeff. n-octanol/water: No data available.
Vapour pressure: No data available.
pH: n/a

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: No data available.

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions.

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: Direct sunlight. Heat. Hot surfaces.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Materials to avoid: Oxidising agents. Reducing agents.

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

Section 11: Toxicological information

11.1. Information on toxicological effects

Non-classified ingredients:

1,2,4-TRIMETHYLBENZENE

IPR	RAT	LDLO	1752	mg/kg
ORL	RAT	LD50	5	gm/kg

DISYCLOPENTA-DEINYL IRON

ORAL	RAT	LD50	1320	mg/kg
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SAFETY DATA SHEET

E10x

Page: 6

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.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.
Drowsiness or mental confusion may occur.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT

ALGAE	72H IC50	20	mg/l
Daphnia magna	48H EC50	>250	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>1000	mg/l

HYDROCARBONS, C10, AROMATICS, <1% NAPHTHALENE

ALGAE	72H IC50	1-10	mg/l
DAPHNIA	48H EC50	1-10	mg/l
FISH	96H LC50	1-10	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable in part only.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Mobility: Volatile. Floats on water. Insoluble in water.

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

Other adverse effects: Toxic to aquatic organisms.

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

[cont...]

SAFETY DATA SHEET

E10x

Page: 7

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.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H228: Flammable solid.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H360FD: May damage fertility. May damage the unborn child.

H373: May cause damage to organs (liver) through prolonged or repeated exposure.

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.