

**SAFETY DATA SHEET**  
FUEL MONITRIX (PETROL TEST KIT)

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

**1.1. Product identifier**

**Product name:** FUEL MONITRIX (PETROL TEST KIT)

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

**Use of substance / mixture:** Test kit

**1.3. Details of the supplier of the safety data sheet**

**Company name:** T.E. Laboratories  
Loughmartin Business Park  
Tullow  
Carlow  
Ireland

**Tel:** 059 9152881

**Fax:** 059 9152886

**Email:** [info@tellab.ie](mailto:info@tellab.ie)

**1.4. Emergency telephone number**

**Emergency tel:** +353 87 2775906/+353 87 2775907

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CHIP:** Xi: R36/37/38

**Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315

**Most important adverse effects:** Irritating to eyes, respiratory system and skin.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

**Signal words:** Warning

**Hazard pictograms:** GHS07: Exclamation mark



**Precautionary statements:** P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.

[cont...]

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P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+313: If skin irritation occurs: Get medical advice/attention.

P337+313: If eye irritation persists: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

### Label elements under CHIP:

Hazard symbols: Irritant.



Risk phrases: R36/37/38: Irritating to eyes, respiratory system and skin.

### 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:

CHLORANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
231-595-7	-	C: R34; Xi: R37	Skin Corr. 1B: H314; STOT SE 3: H335	10-25%

Contains: No other components need to be disclosed according to the applicable regulations.

## 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. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

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

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

**Skin contact:** Causes skin irritation. Pain.

**Eye contact:** Causes serious eye irritation. The eyes may water profusely. Pain. Blurred vision.

**Ingestion:** Irritating. There may be soreness and redness of the mouth and throat.

**Inhalation:** May cause respiratory tract irritation. Exposure may cause coughing or wheezing. Burning sensation. Sore throat. Laboured breathing. Shortness of breath.

[cont...]

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**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Water spray. Carbon dioxide. Dry chemical powder. Alcohol resistant foam. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Hazardous combustion products may include: Hydrogen chloride gas.

### 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. 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. PPE To be worn. See section 8.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

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**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:**

**CHLORANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5 ppm	10 ppm	-	-

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work day. Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

**Respiratory protection:** Use a full face respirator with multi purpose combination type ABEK (EN14387) respirator cartridges.

**Hand protection:** Protective gloves. Glove material: Nitrile. Layer thickness:0.15mm. Breakthrough time:>480min. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Eye protection:** Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Ensure eye bath is to hand.

**Skin protection:** Wear appropriate clothing to prevent any possibility of skin contact.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Odour:** Pungent

**Solubility in water:** Soluble

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

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**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:** Bases, Amines, Alkali metals, Metals Permanganates. Fluoride. Sulphuric Acid.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** Does not decompose when used for intended uses.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:**

Route	Species	Test	Value	Units
ORAL	RBT	LD50	900	mg/kg

**Relevant effects for mixture:**

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** Causes skin irritation. Pain.

**Eye contact:** Causes serious eye irritation. The eyes may water profusely. Pain. Blurred vision.

**Ingestion:** Irritating. There may be soreness and redness of the mouth and throat.

**Inhalation:** May cause respiratory tract irritation. Exposure may cause coughing or wheezing.  
Burning sensation. Sore throat. Laboured breathing. Shortness of breath.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

[cont...]

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**Ecotoxicity values:**

Species	Test	Value	Units
Gambusia affinis (Mosquito fish)	96H LC50	282	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**

**Other adverse effects:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and 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:** UN1789

**14.2. UN proper shipping name**

**Shipping name:** CHLORANE

**14.3. Transport hazard class(es)**

**Transport class:** 8

**14.4. Packing group**

**Packing group:** II

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

[cont...]

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Transport category: 2

**Section 15: Regulatory information**

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

**Specific regulations:** European Commission Directive 2000/39/EC, 2000

**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 453/2010.

**Phrases used in s.2 and s.3:** H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
R34: Causes burns.  
R36/37/38: Irritating to eyes, respiratory system and skin.  
R37: Irritating to respiratory system.

**Legend to abbreviations:** PNEC = predicted no effect concentration  
DNEL = derived no effect level  
LD50 = median lethal dose  
LC50 = median lethal concentration  
EC50 = median effective concentration  
IC50 = median inhibitory concentration  
dw = dry weight  
bw = body weight  
cc = closed cup  
oc = open cup  
MUS = mouse  
GPG = guinea pig  
RBT = rabbit  
HAM = hamster  
HMN = human  
MAM = mammal  
PGN = pigeon  
IVN = intravenous  
SCU = subcutaneous

[cont...]

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SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

INH = inhalation

PCP = physico-chemical properties

**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.