



SAFETY DATA SHEET
MEDIUM DRYING ELECTRICAL SOLVENT

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Compilation date: 28/05/2014

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Revision No: 1

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

1.1. Product identifier

Product name: MEDIUM DRYING ELECTRICAL SOLVENT

REACH registered number(s): 01-2119475329-28-XXXX

CAS number: 127-18-4

EINECS number: 204-825-9

Index number: 602-028-00-4

Product code: BS112

Synonyms: TETRACHLOROETHYLENE

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

Use of substance / mixture: Non-flammable electrical cleaner which evaporates reasonably quickly, leaving no residue. May be used by brushing, spraying, wiping, or in a cold dip tank. It should only be used by trained staff.

1.3. Details of the supplier of the safety data sheet

Company name: Peter Hogarth & Sons Ltd.
Estate Road No. 5
South Humberside Industrial Estate
Grimsby
DN31 2TG
Tel: 01472 345726
Fax: 01472 250272
Email: sales@peterhogarth.co.uk

1.4. Emergency telephone number

Emergency tel: 01472 345726
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Carc. 2: H351; Skin Irrit. 2: H315; Skin Sens. 1A: H317; STOT SE 3: H336

Most important adverse effects: Suspected of causing cancer . Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

[cont...]

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2.2. Label elements

Label elements:

Hazard statements: H351: Suspected of causing cancer .
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS08: Health hazard
GHS09: Environmental
GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P202: Do not handle until all safety precautions have been read and understood.
P281: Use personal protective equipment as required.
P261: Avoid breathing fumes/spray.
P280: Wear protective gloves/protective clothing/eye protection.
P302+352: IF ON SKIN: Wash with plenty of water/shower.
P332+313: If skin irritation occurs: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.
P308+313: IF exposed or concerned: Get medical advice/attention.
P273: Avoid release to the environment.
P405: Store locked up.

2.3. Other hazards

Other hazards: This substance does meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC

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

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: MEDIUM DRYING ELECTRICAL SOLVENT

CAS number: 127-18-4

EINECS number: 204-825-9

REACH registered number(s): 01-2119475329-28-XXXX

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.

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Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

Skin contact: There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea. Severe poisoning can cause shock, unconsciousness and convulsions. Damage to liver and kidneys may develop later.

Inhalation: There may be congestion of the lungs causing severe shortness of breath. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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: Show this safety data sheet to the doctor in attendance. Do not give drugs from adrenaline-ephedrine group.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Water fog. Carbon dioxide. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of hydrogen chloride / phosgene.

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

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6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: 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. If outside keep bystanders upwind and away from danger point.

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. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS. Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Avoid contact with water or humidity.

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

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	345 mg/m ³	689 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: If ventilation is poor, Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. Nitrile gloves. Viton gloves. Rubber gloves.

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Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
IPR	RAT	LD50	4678	mg/kg
ORL	MUS	LD50	8100	mg/kg
ORL	RAT	LD50	2629	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting and diarrhoea. Severe poisoning can cause shock, unconsciousness and convulsions. Damage to liver and kidneys may develop later.

Inhalation: There may be congestion of the lungs causing severe shortness of breath. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	48H EC50	8.5	mg/l

12.2. Persistence and degradability

Persistence and degradability: Photodegradable. (Vapours degrade in the atmosphere under the influence of light.)

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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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: Toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Disposal should be carried out only by qualified personnel familiar with the material
Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Solvent reclamation/regeneration.

Disposal of packaging: Dry out. 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: UN1897

14.2. UN proper shipping name

Shipping name: TETRACHLOROETHYLENE

14.3. Transport hazard class(es)

Transport class: 6.1

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Tunnel code: E

Transport category: 2

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

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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: H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
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>.
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.