

# Safety Data Sheet

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 14.12.2016

Version: 1.0/EN

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product name: Petromax Feuerkit / Petromax Fire Kit / Petromax Kit feu

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

Relevant identified uses: Firestarter ready to use.

Uses advised against: Not determined.

### 1.3 Details of the supplier of the safety data sheet

Company: Petromax GmbH

Address: Sudenburger Wuhne 61, 39116 Magdeburg

Telephone: +49 391 4002605

E-mail address for a competent person responsible for SDS: info@petromax.de

### 1.4 Emergency telephone number

112

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

According to art. 2 of REACH product is defined as article and it does not require classification.

### 2.2 Label elements

According to art. 2 of REACH product is defined as article and it does not require labelling.

### 2.3 Other hazards

No information whether criteria for PBT or vPvB are met in accordance with Annex XIII of REACH Regulation. Heads of matches and striking surface may pose hazard. In normal circumstances safety matches will not ignite, unless they are rubbed on the specially prepared striking surface. In case of severe impact or heavy striking on a smooth, non-thermally conducting surface, safety matches can ignite. Matches ignite in temperature of over 180 °C.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Article contains: pine sticks, recycled cardboard, sawdust, vegetable stearin (stearic acid, CAS 57-11-4) and 5 matches.

Matches: aspen or poplar stick impregnated with ammonium phosphate and paraffin wax. Head is mixture of potassium chlorate (CAS 3811-04-9, 40-70 %) with technical gelatine together with inert materials to moderate combustion, and minor amounts of red amorphous phosphorus (CAS 7723-14-0, <2 %) and colorants. Striking surface is a special composition containing amorphous phosphorus.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

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**Skin contact:** In case of burns wash skin thoroughly with plenty of water for at least 10 minutes. Do not apply ointments or lotions. Do not break blisters or remove loose skin. Apply a sterile dressing and contact a doctor immediately.

**Eye contact:** Exposure by this route does not usually occur. However, in case of eye contamination with sawdust wash it out with plenty of water for at least 10 min. Avoid powerful water stream – risk of cornea damage. Protect non-irritated eye, remove any contact lenses. Seek medical advice.

**Ingestion:** Exposure by this route does not usually occur.

**Inhalation:** Exposure by this route does not usually occur.

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

**Skin contact:** Contact with burning product may cause burns.

**Eye contact:** Possible mechanical irritation.

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

Physician decides regarding further medical treatment after thoroughly examination of the injured.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media:** Adapt the extinguishing media to surroundings materials.

**Unsuitable extinguishing media:** Water jet – risk of the propagation of the flame.

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

May produce toxic fumes of carbon oxides if burning. Do not inhale combustion products, they can be dangerous for human health.

### 5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Ensure adequate ventilation.

### 6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

### 6.3 Methods and material for containment and cleaning up

Collect material mechanically.

### 6.4 Reference to other sections

Appropriate conduct with waste product – see section 13.

Personal protective equipment – see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Use only in accordance with identified purpose. Ensure adequate ventilation. Do not inhale fumes.

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

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Keep only in original, tightly closed package. Keep away from food, beverages or feed for animals. Avoid direct exposure to sunlight. Protect from moisture. Keep away from warmth and ignition sources.

## 7.3 Specific end use(s)

Firestarter

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place in Community.

### 8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Before break and after work carefully wash hands.

#### Hand and body protection

Not required.

#### Eye/face protection

Not required.

#### Respiratory protection

Not required.

#### Environmental exposure controls

Do not allow the mixture to contaminate surface water/ground water, canalization, drains or soil. If the product contaminates waterways or drains, alert the relevant authorities.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state/appearance:	Firekit containing pine sticks, recycled cardboard, sawdust, vegetable stearin, matches.
Odour:	characteristic
Odour threshold:	Not determined.
pH:	Not applicable.
Melting point/freezing point:	Not applicable.
Initial boiling point and boiling range:	Not applicable.
Flash point:	Not applicable.
Evaporation rate:	Not applicable.
Flammability (solid, gas):	Not determined.
Upper/lower flammability or explosive limits:	Not applicable.
Vapour pressure:	Not applicable.
Vapour density:	Not applicable.
Relative density:	Not applicable.
Solubility(ies):	Insoluble in water.
Partition coefficient: n-octanol/water:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not applicable.
Explosive properties:	Not displayed.
Oxidising properties:	Not displayed.
Viscosity:	Not applicable.

### 9.2 Other information

No additional test results.

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Product is feebly reactive.

### 10.2 Chemical stability

The product is stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

### 10.4 Conditions to avoid

Protect from moisture.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

None.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

While compliance with the general principles of health and safety product does not pose a threat to human life or health.

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data, the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Product is not hazardous for environment.

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## 12.2 Persistence and degradability

Product is easily biodegradable.

## 12.3 Bioaccumulative potential

Does not accumulate in the environment.

## 12.4 Mobility in soil

Product is not mobile in soil and in aquatic environment.

## 12.5 Results of PBT and vPvB assessment

Not applicable.

## 12.6 Other adverse effects

This product has no influence on the global warming or the ozone layer depletion.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Waste code should be given in the place of its formation.

Disposal methods for used packing: reuse/recycling/liquidation of empty containers dispose in accordance with the local legislation. Only containers completely emptied can be recycled.

Legal basis: Directive 2008/98/EC, 94/62/EC.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

Product is not classified as dangerous during transport

### 14.2 UN proper shipping name

Not applicable.

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

Product is not hazardous to the environment.

### 14.6 Special precautions for user

No special precautions.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

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## SECTION 15: REGULATORY INFORMATION

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

**Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

**Regulation (EC) No 1272/2008** of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

**Commission Regulation (EU) No 2015/830** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**Directive 2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

**European Parliament and Council Directive 94/62/EC** of 20 December 1994 on packaging and packaging waste.

### 15.2 Chemical safety assessment

There is no data concerning chemical safety assessment performed for substances contained in the mixture.

## SECTION 16: OTHER INFORMATION

### Abbreviations and acronyms

PBT Persistent, Bioaccumulative and Toxic substance  
vPvB very Persistent, very Bioaccumulative substance

### Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

### Additional information

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The information above is based on a current available data concerning the product, but also on the experience and knowledge of the producer in this field. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility concerning improper usage of the information above and also concerning improper compliance with the rules of law in the field.