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SAFETY DATA SHEET

FOXIT

PE Cleaning liquid

Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).



FOX Fittings Sp. z o.o.
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tel. (33) 845 70 23
www.foxfittings.com; office@foxfittings.com

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

1.1. Product identifier: Cleaning liquid PE- FOXIT

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

Industrial and professional use.

Substance production, PC19 intermediate product, use in coatings, use in cleaning agents, lubricants, use as binder and release agent, use in functional fluids, laboratory chemicals, water treatment chemicals, use in metal working fluids.

Use only in industrial facilities and for professional use.

1.3. Details of the supplier of the safety data sheet

FOX Fittings Sp. Z o.o.
43-330 Wilamowice, ul. Więźniów Oświęcimia 50
tel. (33) 845 70 23
www.foxfittings.com/pl; office@foxfittings.com

1.4. Emergency telephone number

National Poisons Information Service (042) 631-47-25 (7 a.m. - 3 p.m.)
24-hour numbers: 112 (emergency), 998 (fire brigade), 999 (ambulance services)

Section 2. Hazards identification

2.1. Classification of the substance or mixture

General hazards

Product classified as hazardous pursuant to applicable regulations



Physical hazards

Flam. Liq. 2 Flammable liquid, cat. 2

H225 - Highly flammable liquid and vapour

Health hazards

Eye Irrit. 2 Causes serious eye irritation, cat. 2

H319 - Causes serious eye irritation

STOT SE 3 Specific Target Organ Toxicity – Single Exposure, category 3

H336 - May cause drowsiness or dizziness

EUH006 - Repeated exposure may cause skin dryness or cracking

Environmental hazard

Not applicable

2.2. Label elements:

Hazard pictograms



Signal word: Danger

Hazard statements:

H319 - Causes serious eye irritation

H225 - Highly flammable liquid and vapor

H336 - May cause drowsiness or dizziness

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary statements:

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 – Take action to prevent static discharges.

P305+P351+P338 – IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P405 – Store locked up.

P403+P235 – Store in a well-ventilated place.

2.3. Other hazards

EUH066 - Repeated exposure may cause skin dryness or cracking

The substance does not meet the criteria for PBT or vPvB according to Annex XIII

If hazardous ingredients are listed, see Section 16 for the full text of R- and H-statements

Section 3. Composition/information on ingredients**3.1. Substances**

Not applicable



3.2. Mixtures

Hazardous ingredients	Weight % content	CAS No.	EC No.	REACH No.	Index No.	H-statements
Isopropanol	98	67-63-0	200-661-7	01-2119471330-49 XXXX	606-001-00-8	Flam. Liq. 2 H225, Eye Irrit. 2 H319 STOT SE H336 EUH066
Butan-2-one	2	78-93-3	201-159-0	01-2119457290-43 XXXX	606-002-00-3	Flam. Liq. 2 H225, Eye Irrit. 2 H319 STOT SE H336 EUH066

Section 4. First aid measures

4.1. Description of first aid measures

Routes of exposure: inhalation, ingestion, skin contact, eye contact

Ingestion

Immediately after ingestion, give a conscious person 200 ml of liquid paraffin to drink. Do not induce vomiting. Do not give milk, fats or alcohol. If spontaneous vomiting occurs, do not allow the product contained in the vomit to enter the respiratory tract. Provide immediate medical attention.

Skin contact

Remove contaminated clothing immediately, wash contaminated skin thoroughly with soap and water, then rinse with water. Consult a physician if symptoms of irritation persist.

Eye contact

Rinse contaminated eyes with a continuous stream of water for about 15 minutes with eyelids wide open. Consult an ophthalmologist if symptoms of irritation persist.

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

May cause narcotic effects

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

Do not give anything by mouth to an unconscious person or induce vomiting. Show the safety data sheet, labels or packaging to responding medical personnel.

Notes for the doctor: symptomatic treatment

Section 5. Firefighting measures

5.1. Extinguishing media



Suitable: carbon dioxide, extinguishing powders, foams, diffused water currents.

Unsuitable: dense jets of water.

Firefighting

Fight **small fires** with powder or CO2 extinguisher; **large fires** with foam or water spray; use remote sprinklers or fight fire from behind protective covers - danger of explosion.

Cool tanks exposed to fire or high temperatures with water from a safe distance (danger of explosion); if possible, remove them from the danger area

Do not allow firefighting wastewater to enter drains or waterways.

5.2. Combustion products

Carbon monoxides are formed in the fire environment. Avoid inhaling combustion products as they may pose a health hazard.

5.3. Protective equipment for firefighters

Firefighters should be trained, equipped with protective clothing and self-contained breathing apparatus.

Section 6. Accidental release measures

General recommendations

6.1. Personal precautions, protective equipment and emergency procedures

Remove sources of ignition - extinguish open fire, ban smoking and use of sparking tools, protect containers from heat (danger of explosion).

Dilute vapors with water spray.

Avoid direct contact with the released product. Avoid breathing vapors.

Wear protective clothing and equipment (see Section 8).

6.2. Environmental precautions

Do not allow the product to enter drains, waterways or soil.

In case of water contamination, notify appropriate authorities.

6.3. Methods and material for containment and cleaning up

Place the damaged package in replacement packaging.

Limit the spread of the spill by embanking the area; pump out collected large amounts of liquid.

Cover small spills with non-flammable absorbent material (earth, sand, vermiculite), collect in a lockable waste container.

Dispose of in accordance with applicable regulations.

6.4. Reference to other sections

Personal protection: Section 8

Disposal considerations: Section 13

Section 7. Handling and storage

Observe the generally applicable health and safety regulations when using and storing the product.

7.1. Precautions for safe handling



Measures to prevent poisoning: avoid contact with liquid; avoid inhalation of vapors and aerosols; prevent formation of harmful concentrations of vapors in the air; work in well-ventilated rooms. During use, observe good personal hygiene and use protective clothing as indicated in Section 8.

Measures to prevent fire and explosion: prevent formation of flammable/explosive vapor concentrations in the air; eliminate sources of ignition - do not use open fire, do not smoke, do not use sparking tools and clothes made of fabrics sensitive to static electricity; protect containers from heat, install electrical equipment of suitable design, use bridging and earthing.

7.2. Conditions for safe storage, including any incompatibilities

Store only in certified, properly labelled, closed containers, in a flammable liquid warehouse equipped with ventilation and electrical systems made according to the result of explosion hazard assessment. Protect containers from heat. Smoking, the use of open flames and sparking tools is prohibited in the warehouse area.

NOTES: Empty containers may contain flammable vapours that pose an explosion hazard.

7.3. Specific end use(s)

No data

Section 8. Exposure controls/personal protection

Recommendations for technical measures

Provide proper ventilation in the workplace.

8.1. Control parameters

DNEL employee (inhalation, acute toxicity) 2,420 mg/m³

DNEL employee (dermal, chronic toxicity)

DNEL employee (inhalation, chronic toxicity) 1,210 mg/m³

DNEL consumer (dermal, chronic toxicity) 62 mg/kg bw/day

DNEL consumer (inhalation, chronic toxicity) 200 mg/m³

DNEL consumer (oral, chronic toxicity) 62 mg/kg bw/day

PNEC fresh water 10.6 mg/l

PNEC marine water 1.06 mg/l

PNEC sediments, fresh water and marine water 30.4 mg/kg sediments

PNEC soil 29.5 mg/kg

There are no air polluting substances if used as intended.

Substance name	CAS No.	OEL [mg/m ³]	STEL [mg/m ³]	OEL-C [mg/m ³]
Isopropanol	67-63-0	900	1,200	no data
Butan-2-one	78-93-3	200	850	no data

OEL and STEL in accordance with the Regulation of the Minister of Labour and Social Policy of 6 June 2014 (Journal of Laws of 2014, item 817)

Recommendations on the procedure for monitoring the content of hazardous ingredients in the air - measurement methodology:

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of agents harmful to health in the working environment (Dz.U. /Journal of Laws/ of 2011, No. 300, item 166)

-PN-89/Z-01011/06. Air purity protection. Names, definitions and units. Nomenclature for workplace air quality testing.



-PN Z-04008-7:2002. Air purity protection. Sampling methods. Principles of air sampling at workplaces and interpretation of results

-PN-EN-689:2002. Workplace atmospheres – guidance for the assessment of inhalation exposure to chemical agents for comparison with limit values and measurement strategy.

Note: Once the concentration of a substance is established and known, personal protective equipment should be selected taking into account the substance concentration at a given workstation, exposure time and employee duties.

The recommended preliminary and periodic medical examinations of employees must be carried out in accordance with the Regulation of the Minister of Health and Social Welfare of 30 May 1996 on medical examinations of employees, the scope of preventive healthcare for employees and medical certificates issued for the purposes provided for in the Labour Code (Dz.U. /Journal of Laws/ of 1996, No. 69, item 332 as amended (Dz.U. /Journal of Laws/ of 2001, No. 37, item 451).

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Respiratory protection

Use an approved breathing apparatus with an A-filter or self-contained breathing apparatus depending on conditions

Hand and skin protection: coated protective gloves (e.g. neoprene)

Eye protection: tightly fitting safety goggles

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value
Physical state	Liquid
Colour	Colourless
Odour	Distinctive
Melting point / range	—
Boiling point / range (°C)	80-83
Flash point (°C)	Below 23
Flammability (°C)	13
Lower and upper explosion limit	—
Lower [% vol.]	2
Upper [% vol.]	12
Vapour pressure (20°C) [hPa]	No data available
Density (20°C) [g/cm ³]	0.784-0.787
Relative vapour density	>1
Solubility (20°C)	complete

*the amount of solvent that goes into the aqueous phase used in 10-fold excess.



9.2 Other information

Information with regard to physical hazard classes

No data

Section 10. Stability and reactivity

10.1. The substance is not reactive

10.2. Stability

Under normal conditions of use and storage, the product is stable.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Ignition sources, effects of heat.

10.5. Incompatible materials

Strong oxidisers.

Softens or dissolves some plastics.

10.6. Hazardous decomposition products

Carbon monoxides are formed during a fire.

Section 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicity

The main route of exposure to acetone is by inhalation although exposure by ingestion and skin also has an aesthetic effect. Under occupational exposure conditions, the absorption of acetone vapors by inhalation is of greatest importance.

Acute toxicity:

Acute oral toxicity: LD50 – 5,580 mg/kg (rat)

Acute dermal toxicity: LD50 > 5,000 mg/kg (rabbit)

Acute inhalation toxicity: LC50 > 20 mg/l/4h

Skin corrosion/irritation:

- eyes: causes eye irritation

- skin: causes irritation

11.2. Information on other hazards

Endocrine disrupting properties

No data available

Section 12. Ecological information

12.1. Toxicity



Aquatic toxic concentrations

Toxic limit concentration for:

- fish	Salmo trutta	2.0 g/l
- bacteria	Pseudomonas putida	1.7 g/l
- algae	Scenedesmus quadricauda	7.5 g/l
- protozoa	Entosiphon sulcatum	0.028 g/l
- plankton	Vorticella campanulla	1.0 g/l

Acute toxicity for:

- fish	Gambusia affinis (LC50/48h)	15.5 g/l
- crustaceans	Daphnia magna (EC50/28h)	10.0 g/l

Permissible environmental pollution

Observe the norms regarding permissible environmental pollution specified in applicable regulations.

12.2. Persistence and degradability

Readily biodegradable

12.3. Bioaccumulative potential

Yes

12.4. Mobility in soil

Yes

12.5. Results of PBT and vPvB assessment

The substance does not meet the PBT or vPvB criteria according to Annex XIII to Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

Do not allow the product to enter drains, groundwater, surface water and soil.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste classification

Appropriate to the place of manufacture based on the criteria in the applicable regulations.





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Product disposal

Do not discharge into drains. Prevent pollution of groundwater and surface water. Do not store in municipal landfills. Consider how to use it fully. The waste product should be recovered or disposed of in accordance with applicable regulations.

Recommended disposal method: incineration.

Packaging disposal

Packaging waste should be recovered or disposed of in accordance with applicable regulations.

Reusable packaging can be reused after cleaning.

Waste code 07 01 04* Other organic solvents, washing liquids and mother liquors.

Section 14. Transport information

14.1. Proper shipping name	PAINT-RELATED MATERIAL
14.2. UN number or ID number	UN 1263
14.3. Transport hazard class(es)	3 / F1
14.4. Packing group	II
Labelling of packaging	UN 1263, warning label No. 3
Hazard identification number	33

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Section 15. Regulatory Information

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

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) (Text with EEA relevance).

Commission Regulation (EC) NO 1277/2005 of 27 July 2005 laying down implementing rules for Regulation (EC) No 273/2004 of the European Parliament and of the Council on drug precursors and for Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors.

Council Regulation (EC) No 111/2005 of 22 December 2004 laying down rules for the monitoring of trade between the Community and third countries in drug precursors.

Regulation (EC) No 273/2004 of the European Parliament and of the Council of 11 February 2004 on drug precursors.

Act of 25 February 2011 on chemical substances and their mixtures (Dz. U. /Journal of Laws/ of 2011, No. 63, item 322).

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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 (Official Journal of the European Union L 353 of 31 December 2008).

COMMISSION REGULATION (EC) NO 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of 16 December 2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (Official Journal of the European Union L 235 of 5 September 2009).

COMMISSION REGULATION (EU) No 286/2011 of 10 March 2011 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (Official Journal of the European Union L 83 of 30 March 2010).

Regulation of the Minister of Health of 10 August 2012 on the criteria and ways of classification of chemical substances and their mixtures (Dz. U. / Journal of Laws / of 2012, item 1018), as amended.

Regulation of the Minister of Economy of 21 December 2005 on the essential requirements for personal protective equipment (Dz. U. / Journal of Laws / of 2005 No. 259, 2173).

Regulation of the Minister of Labour and Social Policy of 29 November 2002 on occupational exposure limit values (Dz. U. / Journal of Laws / of 2002, No. 217, item 1883, as amended).

Regulation of the Minister of Economy and Labour of 10 October 2005 amending the regulation on occupational exposure limit values (Dz. U. / Journal of Laws / of 28 October 2005, No. 212, item 1769)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of agents harmful to health in the working environment (Dz. U. / Journal of Laws / of 2011, No. 33, item 166).

Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the occurrence of chemical agents in the workplace (Dz. U. / Journal of Laws / of 2005, No. 11, item 86).

Act of 19 August 2011 on the carriage of dangerous goods (Dz. U. / Journal of Laws / of 2011, No. 227, item 1367).

Government Statement of 26 July 2005 on the entry into force of the amendments to Annexes A and B B to the European Agreement concerning the international carriage of dangerous goods by road (ADR) concluded at Geneva on 30 September 1957 (Dz. U. / Journal of Laws / of 2005, No. 178, item 1481, as amended).

Act of 14 December 2012 on waste (Dz. U. / Journal of Laws / of 2012, item 21).

Act of 13 June 2013 on packaging and packaging waste management (Dz. U. / Journal of Laws / of 2013, item 888).

Regulation of the Minister of the Environment of 27 September 2001 on waste catalogue (Dz. U. / Journal of Laws / of 2001, No. 112, item 1206).

Act of 29 July 2005 amending the act on waste and certain other acts (Dz. U. / Journal of Laws / of 2005, No. 175, item 1458).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning

the Registration, Evaluation, Authorisation 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 (Official Journal of the European Union L 396 of 30 December 2006, as amended).

15.2. Chemical safety assessment



Chemical safety assessments for the mixture were not carried out.

Section 16. Other information

List of H- and EUH-statements:

H225 - Highly flammable liquid and vapor

H336 - May cause drowsiness or dizziness

H319 - Causes serious eye irritation

EUH066 - Repeated exposure may cause skin dryness or cracking

Indication of changes - revision of all sections of the Safety Data Sheet in accordance with the current national regulations; editorial changes to the entries; Section 15 – changes to regulations.

The information contained in this Safety Data Sheet applies only to the product in question and is not transferable to similar products. The Safety Data Sheet was developed to the best of our knowledge and current information. The data contained in this Safety Data Sheet are to be considered solely as aids to ensure safe handling during transport, distribution, use and storage.

The user of the product is obliged to observe all applicable standards and regulations and shall be held liable for any misuse of the information contained in this Safety Data Sheet.

Training:

Persons involved in product handling should be trained in handling, health and safety. Vehicle drivers should be trained and certified in accordance with the requirements of ADR regulations.

Flam. Liq. – Flammable liquid

Skin Corr. – Skin corrosion

Eye Irrit. – Eye irritation

STOT SE – Specific Target Organ Toxicity – Single Exposure

OEL – Occupational Exposure Limit

STEL – Short-Term Exposure Limit

OEL-C – Occupational Exposure Limit – Ceiling

vPvB – (substance) very persistent and very bioaccumulative

PNEC – Predicted No-Effect Concentration

DN(M)EL – Derived No (Minimal) Effect Level

LD50 – Dose at which the death of 50% of test organisms is observed

LC50 – Concentration at which the death of 50% of test organisms is observed

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

