

Safety Data Sheet
according to 1907/2006/EC, Article 31

EFFISUS SETUP PR CLEANER

1. PRODUCT AND COMPANY INFORMATION

Product Trade Name

Effisus Setup PR Cleaner

Product Use

Cleaning material/ Detergent

Company / Distributor

Up-Way Systems, Lda.
R. Dr. Oliveira Salazar, 88
4780-453 Santo Tirso
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Emergency Phone Number

112

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn Harmful

R65 Harmful: may cause lung damage if swallowed.



Xi Irritant

R38 Irritating to skin.



F Highly flammable

R11 Highly flammable.



N Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

Classification system

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

2. HAZARD IDENTIFICATION (cont.)

Label elements

Labelling according to EU guidelines

The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (GefStoffV).

Code letter and hazard designation of product



Xn Harmful
F Highly flammable
N Dangerous for the environment

Risk phrases

11 Highly flammable.
38 Irritating to skin.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
67 Vapours may cause drowsiness and dizziness.

Safety phrases

2 Keep out of the reach of children.
7/9 Keep container tightly closed and in a well-ventilated place.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
23 Do not breathe fumes/aerosol.
24 Avoid contact with skin.
33 Take precautionary measures against static discharges.
61 Avoid release to the environment. Refer to special instructions/ safety data sheets.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Mixtures.

Description

Mixture consisting of the following components.

Dangerous components

Naphtha (petroleum), hydrotreated light (50-100%)

CAS: 64742-49-0

EINECS: 265-151-9

 Xn R65;  Xi R38;  F R11;  N R51/53 R67

Ethanol (< 2.5%)

CAS: 64-17-5

FINFCS: 200-578-6

 F R11

3. COMPOSITION/ INFORMATION ON INGREDIENTS (cont.)

Regulation (EC) No 648/2004 on detergents / Labelling for contents

Aliphatic hydrocarbons: $\geq 30\%$.

Additional information

For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

After inhalation

In case of unconsciousness bring patient into stable side position for transport.

After skin contact

Instantly wash with water and soap and rinse thoroughly.

After eye contact

Rinse opened eye for several minutes under running water.

After swallowing

A person vomiting while lying on their back should be turned onto their side.

Information for doctor

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents

CO₂, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents

Water with a full water jet.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

Protective equipment

Put on breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Environmental precautions

Do not allow product to reach sewage system or water bodies.
Prevent material from reaching sewage system, holes and cellars.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents.

Reference to other sections

See Section 8 for information on personal protection equipment.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling

Keep containers tightly sealed.
Store in cool, dry place in tightly closed containers.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about protection against explosions and fires

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers

Store in cool location.

Information about storage in one common storage facility

Not required.

Further information about storage conditions

Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.

Specific end use(s)

No further relevant information available.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Additional information about design of technical systems

No further data; see item 7.

Control parameters

Components with critical values that require monitoring at the workplace

64742-49-0 Naphtha (petroleum), hydrotreated light

UK SIA (Great Britain)

Long-term value: 1000 mg/m³, 200 ppm

8. EXPOSURE CONTROL AND PERSONAL PROTECTION (cont.)

64-17-5 ethanol

WEL (Great Britain)

Long-term value: 1920 mg/m³, 1000 ppm

Additional information

The lists that were valid during the compilation were used as basis.

Exposure controls

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

BG-Regeln beachten.

Breathing equipment

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Protection of hands

Solvent resistant gloves.

Material of gloves

Nitrile rubber, NBR.

Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

Tightly sealed safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Fluid.

Colour: Colourless.

Smell: Mild.

pH-value: Nicht anwendbar.

Change in condition

Melting point/Melting range: < -20°C.

Boiling point/Boiling range: 100-120°C.

Flash point: -1° C.

Ignition Temperature: 250° C.

Self-inflammability: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/steam mixtures is possible.

Critical values for explosion

Lower: 0,8 Vol%.

Upper: 7Vol%.

Steam pressure (20° C): 50 hPa.

9. PHYSICAL AND CHEMICAL PROPERTIES (cont.)

Density ta 20° C: 0,73 g/cm³.

Solubility in/Miscibility with water: Not miscible or difficult to mix.

Solvent content:

Organic solvents: 100.0 %.

Water: 0.0 %.

Other information: No further relevant information available.

10. STABILITY AND REACTIVITY

Conditions to be avoided

No decomposition if used according to specifications.

Possibility of hazardous reactions

No dangerous reactions known.

Conditions to avoid

No further relevant information available.

Incompatible materials

No further relevant information available.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD/LC50 values that are relevant for classification

64742-49-0 Naphtha (petroleum), hydrotreated light

Oral LD50: 5000 mg/kg (rat).

Dermal LD50: 3000 mg/kg (rabbit).

Inhalative LC50/4 h: > 20 mg/l (rat).

Primary irritant effect

On the skin: Irritant for skin and mucous membranes.

On the eye: No irritant effect.

Sensitization

No sensitizing effect known.

Additional toxicological information

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: Irritant.

12. ECOLOGICAL INFORMATION

Toxicity

Acquatic toxicity

No further relevant information available.

Persistence and degradability

No further relevant information available.

Behaviour in environmental systems

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information

General notes

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

07 06 04 - other organic solvents, washing liquids and mother liquors.

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN-Number ADR: 1993.

UN proper shipping name ADR: 1993 ENTZÜNDBARER FLÜSSIGER STOFF, N.A.G. (SOLVENT NAPHTHA).

Transport hazard class(es) ADR



Class: 3 Flammable liquids.

Label: 3.

14. TRANSPORT INFORMATION (cont.)

Packing Group ADR: II.

Environmental hazards:

Special marking (ADR): Symbol (fish and tree).

Special precautions for user Warning: Flammable liquids.

Kemler Number: 33.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

Transport/Additional information ADR

Limited quantities (LQ): LQ4.

Transport category: 2.

Tunnel restriction code: D/E.

Remarks: Packed bottles are corresponding to ADR, app. A, chapt. 3.4 (limited quantity).

15. REGULATORY INFORMATION

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

National regulations

Technical instructions (air)

-Class: NK.

-Share in %: 100.

Water hazard class

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations

BGR 190 (Regeln für den Einsatz von Atemschutzgeräten).

BGR 192 (Regeln für den Einsatz von Augen- und Gesichtsschutz).

BGR 195 (Regeln für den Einsatz von Schutzhandschuhen).

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

R11 Highly flammable.

R38 Irritating to skin.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R67 Vapours may cause drowsiness and dizziness.

Department issuing data specification sheet: Abt. Produktsicherheit

Accompanying Document

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