

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Paint and varnish remover

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

- Use of the substance/mixture: SU 21 Consumer uses: Private households/general public/consumers
SU 22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Paint and varnish remover
- Use advised against: No information available

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Eco Solutions Limited
- Address of Supplier: Summerleaze House
46 Church Road
Winscombe
BS25 1BH
UK
- Telephone: 00 44 (0) 1934 844484
- Email: info@ecosolutions.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 00 44 (0) 1934 844484 (24hr)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Not Classified
- Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

2.2 Label elements

- Hazard pictograms: None
- Signal Word: None
- Hazard statements
None
- Precautionary statements
None
- Supplemental Hazard information (EU)
EUH210 - Safety data sheet available on request.

2.3 Other hazards

- May cause irritation to skin, eyes and the respiratory tract.
- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII
- Does not contain any substances with endocrine disrupting properties

SECTION 3: Composition/information on ingredients

3.1 Substances

Revision: 8 February 2021

SECTION 3: Composition/information on ingredients (....)

- Not applicable

3.2 Mixtures

| Chemical Name | Conc. | CAS No. | EC No. | Classification (REGULATION (EC) No 1272/2008) [CLP/GHS] | SCL/ M-Factor/ ATE | REACH Registration Number | WEL/ OEL |
|--------------------|-------|---------|-----------|---|--------------------|---------------------------|----------|
| Triethyl phosphate | < 10% | 78-40-0 | 201-114-5 | Acute Tox. 4, H302 Eye Irrit. 2, H319 | - | 01-2119492852-28-XXXX | No |

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with eyes
If substance has got into eyes, immediately wash out with plenty of water for several minutes
Remove contact lenses, if present and easy to do. Continue rinsing.
Irrigate eyes thoroughly whilst lifting eyelids
If eye irritation persists: Get medical advice/attention.
- Contact with skin
Remove contaminated clothing
Gently wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
- Ingestion
Rinse mouth with water (do not swallow)
Do NOT induce vomiting.
Never make an unconscious person vomit or drink fluids
Get medical advice/attention if you feel unwell.
- Inhalation
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF exposed or concerned: Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes
May cause redness and irritation
- Contact with skin
May cause redness and irritation
- Ingestion
The ingestion of significant quantities may cause nausea/vomiting
The ingestion of significant quantities may cause diarrhoea
- Inhalation
In cases of severe exposure, irritation of the respiratory tract may develop

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

SECTION 5: Firefighting measures (....)

- Suitable extinguishing media: Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Unsuitable extinguishing media: No information available

5.2 Special hazards arising from the substance or mixture

- Gives off irritating or toxic fumes (or gases) in a fire.

5.3 Advice for firefighters

- In case of fire: Stop leak if safe to do so.
- Keep container(s) exposed to fire cool, by spraying with water
- Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Rescuers should take suitable precautions to avoid becoming casualties themselves
- Only trained and authorised personnel should carry out emergency response
- Personal precautions for non-emergency personnel: Avoid breathing vapours, mist or gas; Avoid contact with skin and eyes; Wear protective clothing as per section 8; Wash thoroughly after dealing with spillage
- Personal precautions for emergency responders: Wear chemical protection suit; Wear self-contained breathing apparatus (SCBA)

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Stop leak if safe to do so.
- Small spills
 - Wipe up spillage with damp absorbent cloth or towel
 - Wash spill site with water and detergent
- Large spills
 - Evacuate the area and keep personnel upwind
 - Contain the spillage using bunding
 - Absorb spillage in inert material and shovel up
 - Place in appropriate container
 - Seal containers and label them
 - Remove contaminated material to safe location for subsequent disposal
 - Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- See section(s): 7, 8 & 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid breathing vapours, mist or gas
- Do not get in eyes, on skin, or on clothing.
- Contaminated clothing should be laundered before reuse

Revision: 8 February 2021

SECTION 7: Handling and storage (....)

- Do not eat, drink or smoke when using this product.
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep cool.
- Avoid freezing
- Protect from sunlight.
- Keep only in original packaging.
- Keep container tightly closed.
- Keep out of reach of children
- Keep away from food, drink and animal feedingstuffs
- Incompatible with strong acids
- Incompatible with alkalis (strong bases)
- Incompatible with strong oxidizing substances

7.3 Specific end use(s)

- Paint and varnish remover

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

- Triethyl phosphate
 - DNEL (inhalational) 9.9 mg/m³ Industry, Long Term, Systemic Effects
 - DNEL (dermal) 2 mg/kg (bw/day) Industry, Long Term, Systemic Effects
 - DNEL (inhalational) 1.74 mg/m³ Consumer, Long Term, Systemic Effects
 - DNEL (dermal) 1 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
 - DNEL (oral) 1 mg/kg (bw/day) Consumer, Long Term, Systemic Effects
 - DNEL (oral) 5 mg/kg (bw/day) Consumer, Acute/Short Term, Systemic Effects
 - PNEC aqua (freshwater) 632 µg/L
 - PNEC aqua (intermittent releases, freshwater) 9 mg/L
 - PNEC aqua (marine water) 63.2 µg/L
 - PNEC (STP) 298.5 mg/L
 - PNEC sediment (freshwater) 5 mg/kg
 - PNEC sediment (marine water) 500 µg/kg
 - PNEC terrestrial (soil) 640 µg/kg

8.2 Exposure controls

- Selection and use of personal protective equipment should be based on a risk assessment of exposure potential
- Engineering controls
 - Ensure adequate ventilation
 - If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits
 - Use local exhaust ventilation and/or enclosures.
- Respiratory protection
 - No respiratory protection is needed during normal handling
 - Respiratory protection may be required under exceptional circumstances when excessive air

Revision: 8 February 2021

SECTION 8: Exposure controls/personal protection (....)

contamination exists

Where a reusable half mask respirator is required, use EN 140, with gas/vapour filter EN 14387 type ABEK, or EN 405; EN 1827

Where a full face mask respirator is required, use EN 136, with gas/vapour filter EN 14387 type ABEK

- Skin protection

Wear suitable protective clothing

Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

The selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used and the supplier should be consulted.

PVC or rubber gloves are recommended

- Eye/face protection

Wear safety glasses approved to standard EN 166.

- Hygiene measures

Use good personal hygiene practices

Wash thoroughly after handling.

Contaminated clothing should be laundered before reuse

Eyewash bottles should be available

- Environmental exposure controls

Do not allow to enter public sewers and watercourses

Do not allow to penetrate the ground/soil.



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid (emulsion, gel)
- Colour: White
- Odour: No information available
- Melting point/freezing point: < -10 °C
- Boiling point or initial boiling point and boiling range: Approx. 100 °C
- Flammability: Not flammable
- Lower and upper explosion limit: Not applicable
- Flash point: Not applicable
- Auto-ignition temperature: No information available
- Decomposition temperature: Not applicable
- pH: 7 (as supplied)
- Kinematic viscosity: No information available
- Solubility: No information available
- Partition coefficient n-octanol/water (log value): No information available
- Vapour pressure: No information available
- Density and/or relative density: No information available
- Relative vapour density: No information available
- Particle characteristics: Not applicable

9.2 Other information

- No information available



SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat and sources of ignition
- Avoid extremes of temperature
- Keep away from direct sunlight

10.5 Incompatible materials

- Incompatible with strong acids
- Incompatible with alkalis (strong bases)
- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
- Decomposition products may include phosphorus oxides

SECTION 11: Toxicological information

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

- Acute Toxicity

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

Substances

| Chemical Name | LD ₅₀ (oral, rat) | LC ₅₀ (inhalation, rat) | LD ₅₀ (dermal, rabbit) |
|--------------------|---------------------------------|---------------------------------------|--------------------------------------|
| Triethyl phosphate | 1 600 mg/kg | (4 h) 8.817 mg/L | No data available |

- 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

No evidence of mutagenic effects

- Carcinogenicity

No evidence of carcinogenic effects

- Reproductive toxicity

No evidence of reproductive effects

- Specific target organ toxicity (STOT) - single exposure

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

- Specific target organ toxicity (STOT) - repeated exposure

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

Revision: 8 February 2021

SECTION 11: Toxicological information (....)

Substances

| Chemical Name | NOAEL (oral, rat) | NOAEC (inhalation, rat) | NOAEL (dermal, rat) |
|--------------------|----------------------|----------------------------|------------------------|
| Triethyl phosphate | 200 mg/kg bw/day | No data available | No data available |

- Aspiration hazard
Based on the available data, the classification criteria are not met
- Contact with eyes
May cause redness and irritation
- Contact with skin
May cause redness and irritation
- Ingestion
The ingestion of significant quantities may cause nausea/vomiting
The ingestion of significant quantities may cause diarrhoea
- Inhalation
In cases of severe exposure, irritation of the respiratory tract may develop

11.2 Information on other hazards

- Does not contain any substances with endocrine disrupting properties

SECTION 12: Ecological information

12.1 Toxicity

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

Substances

| Chemical Name | LC ₅₀ (fish) | EC ₅₀ (aquatic invertebrates) | EC ₅₀ (aquatic algae) |
|--------------------|---------------------------|--|----------------------------------|
| Triethyl phosphate | (4 days) 100 - 2 400 mg/L | (24 h) 900 - 950 mg/L | (72 h) 901 mg/L |

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- Bioaccumulation is not expected

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Revision: 8 February 2021

SECTION 13: Disposal considerations (....)

- Disposal should be in accordance with local, state or national legislation
- Do not pierce or burn container, even after use
- Do not reuse empty containers without commercial cleaning or reconditioning

13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
 - Hazardous Property Code(s): None assigned
-

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not classified as hazardous for transport

14.6 Special precautions for user

- No information available

14.7 Maritime transport in bulk according to IMO instruments

- Not applicable

14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.9 Sea (IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

14.10 Air (ICAO/IATA)

- Proper Shipping Name: Not applicable
 - ICAO UN No.: Not applicable
 - ICAO Hazard Class: Not applicable
 - ICAO Packing Group: Not applicable
-

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**



Revision: 8 February 2021

SECTION 15: Regulatory information (....)

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 (as amended by Regulation (EU) 2020/878) and UK REACH
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- The GB Classification, Labelling and Packaging Regulation (GB CLP) applies in Great Britain

15.2 Chemical safety assessment

- A REACH chemical safety assessment has been carried out for triethyl phosphate
-

SECTION 16: Other information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision No. 2.0.0. Revised May 2016.

Changes made: Addition of EUH210 in Sub-section 2.2 and removal of references to DSD/DPD Directives

Revision No. 3.0.0. Revised February 2021.

Changes made: Revised to conform to new version of REACH.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- H302: Harmful if swallowed
- H319: Causes serious eye irritation.

Acronyms

- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC₅₀: Effective Concentration, 50%
- GHS: Globally Harmonised System
- LC₅₀: Lethal Concentration, 50%
- LD₅₀: Lethal Dose, 50%
- NOAEC: No observed adverse effect concentration
- NOAEL: No observed adverse effect level
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SCL: Specific Concentration Limit
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

--- end of safety datasheet ---

