Revision: 6 May 2016

SAFETY DATA SHEET
PAINT AND VARNISH REMOVER

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

2.2 Label elements

- 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

SECTION 3 Composition/information on ingredients

Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

3.1 Substances

3.2 Mixtures

- triethyl phosphate
  Concentration: < 10%
  CAS Number: 78-40-0
  EC Number: 201-114-5
  Index No.: 015-013-00-7
  Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Acute Tox. 4, H302, Eye Irrit. 2, H319

Revision: 6 May 2016

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

REACH Registration Number: 01-2119492852-28-XXXX

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.
- 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.
- 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.

4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes
  May cause redness and irritation
- Contact with skin
  May cause irritation
- Ingestion
  No hazard expected under normal conditions of use
  The ingestion of significant quantities may cause nausea/vomiting
  The ingestion of significant quantities may cause diarrhoea
- Inhalation
  No hazard expected under normal conditions of use
  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 Fire-fighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Use water to cool containers exposed to fire.

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

SECTION 5 Fire-fighting measures (....)

- 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

- Personal precautions for non-emergency personnel: Evacuate the area and keep personnel upwind, Avoid breathing vapours, mist or gas, Wear protective clothing as per section 8, Avoid contact with skin and eyes, Wash thoroughly after dealing with spillage, Eyewash bottles should be available
- 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
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Stop leak if safe to do so.
- Small spills
  Wipe up spillage with damp cloth or mop
  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

- Wear protective clothing as per section 8

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
- 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.

SECTION 7 Handling and storage (....)

- Keep only in original container.
- Keep container tightly closed.
- Keep out of reach of children
- Keep away from food, drink and animal feedingstuffs

7.3 Specific end use(s)

- paint and varnish remover

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- triethyl phosphate
  No exposure limits have been set for this substance
  DNEL (dermal) 26.6 mg/kg (day) Industry, Short Term, Systemic Effects
  DNEL (dermal) 3.33 mg/kg (day) Industry, Long Term, Systemic Effects
  DNEL (inhalational) 93.6 mg/m3 Industry, Short Term, Systemic Effects
  DNEL (inhalational) 11.7 mg/m3 Industry, Long Term, Systemic Effects
  DNEL (dermal) 13.3 mg/kg (day) Consumer, Short Term, Systemic Effects
  DNEL (dermal) 1.66 mg/kg (day) Consumer, Long Term, Systemic Effects
  DNEL (inhalational) 23.12 mg/m3 Consumer, Short2.89 Term, Systemic Effects
  DNEL (inhalational) 2.89 mg/m3 Consumer, Long Term, Systemic Effects
  DNEL (inhalational) 23.12 mg/m3 Consumer, Long Term, Local Effects
  PNEC aqua (freshwater) 0.632 mg/l
  PNEC aqua (marine water) 0.0632 mg/l
  PNEC (STP) 298.5 mg/l

8.2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation
- Wear rubber or PVC gloves
- Wear safety glasses approved to standard EN 166.
- In case of fire:
  Wear suitable filtering half mask respirator approved to standard EN 149
  Wear suitable protective clothing, including eye/face protection and gloves (rubber are recommended)
  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.
  Wear goggles giving complete eye protection
  Eyewash bottles should be available


Gloves


Goggles


Suit


Respirator


No Flames


No Smoking

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

SECTION 9 Physical and chemical properties (....)

- Appearance: Liquid, white, emulsion, gel
- Odour: No information available
- Odour threshold: No information available
- pH: 7 (as supplied)
- Melting point/freezing point: < -10°C
- Initial boiling point and boiling range: Approx. 100°C
- Flashpoint: Not applicable
- Evaporation Rate: No information available
- Flammability (solid,gas): Not applicable
- Upper/lower flammability or explosive limits: Not applicable
- Vapour Pressure: No information available
- Vapour Density: No information available
- Relative Density: No information available
- Solubility(ies): No information available
- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature: No information available
- Decomposition temperature: No information available
- Viscosity: No information available
- Explosive Properties: No information available
- Oxidising Properties: No information available

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 phosphorous oxides

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- Acute Toxicity
  No experimental test data available for the mixture

SECTION 11 Toxicological information (....)

LD50 (oral,rat) (triethyl phosphate) 800 mg/kg
LD50 (dermal,rabbit) (triethyl phosphate) 20,000 mg/kg
LC50 (inhalation, rat) (triethyl phosphate) 8817 mg/l/4h
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
  No information available
- Carcinogenicity
  No information available
- Reproductive toxicity
  No information available
- Specific target organ toxicity (STOT) - single exposure
  No information available
- Specific target organ toxicity (STOT) - repeated exposure
  No information available
- Aspiration hazard
  No information available
- Contact with eyes
  May cause eye irritation
- Contact with skin
  May cause irritation
- Ingestion
  May cause nausea/vomiting
  May cause diarrhoea
  May cause gastro-intestinal disturbances
- Inhalation
  May cause coughing
  May cause respiratory tract irritation.

SECTION 12 Ecological information

No experimental test data available for the mixture

Based on available data, the classification criteria are not met

12.1 Toxicity

- triethyl phosphate
  LC50 (golden orfe (Leuciscus idus)) > 100 mg/l (96 hr)
  EC50 (Scenedesmus subspicatus) 901 mg/l (72 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

SECTION 12 Ecological information (....)

- Log Kow - 0.8 (triethyl phosphate)
- 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 Other Adverse Effects

- No information available

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- 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

- Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined. Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN 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 Transport in bulk according to Annex II of MARPOL and the IBC code

- 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)

SECTION 14 Transport information (....)

- 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

- This Safety Data Sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2015/830
- This Safety Data Sheet does not constitute a workplace risk assessment
- Refer to current COSHH Regulations
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe

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. Revised May 2016.
Changes made: Addition of EUH210 in Sub-section 2.2 and removal of references to DSD/DPD Directives

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.