



SAFETY DATA SHEET ELITE UVP6600

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

1.1. Product identifier

Product name ELITE UVP6600

Product number 60671

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

Identified uses Adhesive. Sealant. inks Surface coating Laboratory reagent.

1.3. Details of the supplier of the safety data sheet

Supplier Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
BD3 7AY
+44 1274 267300
+44 1274 267306
SDS.EMEA@univarsolutions.com

1.4. Emergency telephone number

Emergency telephone SGS - +32 (0)3 575 55 55 (24h)

Sds No. 60671

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word Warning

Hazard statements EUH208 Contains TRIPHENYL PHOSPHITE. May produce an allergic reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

ELITE UVP6600

Precautionary statements

P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Substances

GLYCEROL POLYPROPYLENE GLYCOL ETHER, ACRYLATE, ADIPATE			60-100%
CAS number: 73378-73-1			
Exempt -polymer exempt by Article 2(9)			
Classification			
Eye Irrit. 2 - H319			

TRIPHENYL PHOSPHITE			<1%
CAS number: 101-02-0	EC number: 202-908-4	REACH registration number: 01-2119511213-58-XXXX	
M factor (Acute) = 1	M factor (Chronic) = 1		
Classification			
Acute Tox. 4 - H302			
Skin Irrit. 2 - H315			
Eye Irrit. 2 - H319			
Skin Sens. 1 - H317			
Aquatic Acute 1 - H400			
Aquatic Chronic 1 - H410			

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)			< 0.2%
CAS number: 128-37-0	EC number: 204-881-4	REACH registration number: 01-2119565113-46-XXXX	
M factor (Acute) = 1	M factor (Chronic) = 1		
Classification			
Aquatic Acute 1 - H400			
Aquatic Chronic 1 - H410			

The full text for all hazard statements is displayed in Section 16.

Product name ELITE UVP6600

Composition comments The data shown are in accordance with the latest EC Directives.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

ELITE UVP6600

Ingestion	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting unless under the direction of medical personnel. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Skin contact	The product contains a small amount of sensitising substance. May cause skin sensitisation or allergic reactions in sensitive individuals.
Eye contact	Causes serious eye irritation.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Harmful to aquatic life with long lasting effects.
Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Avoid the spillage or runoff entering drains, sewers or watercourses. Contain and collect extinguishing water. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Follow precautions for safe handling described in this safety data sheet. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes.
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6.2. Environmental precautions

Environmental precautions	Harmful to aquatic life with long lasting effects. Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with inert, damp, non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
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6.4. Reference to other sections

ELITE UVP6600

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid inhalation of vapours/spray and contact with skin and eyes.

Advice on general occupational hygiene Provide eyewash station and safety shower. When using do not eat, drink or smoke. Wash after use and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a well-ventilated place. Avoid heat, flames and other sources of ignition. Protect from freezing and direct sunlight. Avoid contact with the following materials: Strong alkalis. Strong oxidising agents. Acids. Reducing agents.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

WEL = Workplace Exposure Limit.

TRIPHENYL PHOSPHITE (CAS: 101-02-0)

Ingredient comments No exposure limits known for ingredient(s).

2,6 DI-TERT-BUTYL-P-CRESOL (BHT) (CAS: 128-37-0)

Ingredient comments WEL = Workplace Exposure Limits

DNEL Workers - Inhalation; Long term systemic effects: 3.5 mg/m³
 Workers - Dermal; Long term systemic effects: 0.5 mg/kg/day
 General population - Inhalation; Long term systemic effects: 0.86 mg/m³
 General population - Dermal; Long term systemic effects: 0.25 mg/kg/day
 General population - Oral; Long term systemic effects: 0.25 mg/kg/day

PNEC - Fresh water; 0.199 µg/l
 - marine water; 0.0199 µg/l
 - Sediment (Freshwater); 99.6 mg/kg
 - Sediment (Marinewater); 9.96 mg/kg
 - Soil; 47.69 µg/kg
 STP; 0.17 mg/l

PHENOTHIAZINE (CAS: 92-84-2)

Ingredient comments No exposure limits known for ingredient(s).

ELITE UVP6600

DNEL

Workers - Inhalation; Short term systemic effects: 1.59 mg/m³
 Workers - Inhalation; Long term systemic effects: 0.53 mg/m³
 Workers - Dermal; Long term systemic effects: 0.15 mg/kg/day

PNEC

- Fresh water; 0.000154 mg/l
 - marine water; 0.000015 mg/l
 - Sediment (Marinewater); 0.00194 mg/kg
 - Sediment (Freshwater); 0.0194 mg/kg
 - STP; 0.054 mg/l
 - Soil; 0.023 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide eyewash station and safety shower. Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Frequent changes are recommended. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear suitable coveralls to prevent exposure to the skin.

Hygiene measures

When using do not eat, drink or smoke. Wash after use and before eating, smoking and using the toilet. Remove contaminated clothing and protective equipment before entering eating areas. Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. EN 136/140/141/145/143/149 Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Off-white.
Odour	Almost odourless.
Odour threshold	No information available.
pH	pH (concentrated solution): 7
Melting point	No information available.
Pour Point	No information available.
Freezing Point	No information available.

ELITE UVP6600

Initial boiling point and range	> 35°C
Flash point	> 93°C
Evaporation rate	No information available.
Evaporation factor	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Other flammability	No information available.
Vapour pressure	No information available.
Vapour density	No information available.
Relative density	No information available.
Bulk density	No information available.
Solubility(ies)	Immiscible with water. Miscible with the following materials: Organic solvents.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Explosive under the influence of a flame	No information available.
Oxidising properties	No information available.
<u>9.2. Other information</u>	
Other information	No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product. Avoid contact with the following materials: Strong alkalis. Strong oxidising agents. Reducing agents. Acids.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No information available.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Protect from freezing and direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong alkalis. Acids. Reducing agents.
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10.6. Hazardous decomposition products

ELITE UVP6600

Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
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Skin corrosion/irritation

Skin corrosion/irritation	No information available.
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Serious eye damage/irritation

Serious eye damage/irritation	No information available.
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Respiratory sensitisation

Respiratory sensitisation	No information available.
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Skin sensitisation

Skin sensitisation	No information available.
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Germ cell mutagenicity

Genotoxicity - in vitro	No information available.
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Carcinogenicity

Carcinogenicity	No information available.
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Reproductive toxicity

Reproductive toxicity - fertility	No information available.
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Specific target organ toxicity - single exposure

STOT - single exposure	No information available.
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Specific target organ toxicity - repeated exposure

STOT - repeated exposure	No information available.
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Aspiration hazard

Aspiration hazard	No information available.
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Inhalation

Gas or vapour in high concentrations may irritate the respiratory system.

Ingestion

The product irritates mucous membranes and may cause abdominal discomfort if swallowed.

Skin contact

The product contains a small amount of sensitising substance. May cause skin sensitisation or allergic reactions in sensitive individuals.

Eye contact

Causes serious eye irritation.

Toxicological information on ingredients.

TRIPHENYL PHOSPHITE

Acute toxicity - oral

Acute toxicity oral (LD ₅₀ mg/kg)	1,600.0
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Species	Rat
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Acute toxicity - dermal

ELITE UVP6600

Acute toxicity dermal (LD₅₀ 2,000.0 mg/kg)

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 6.7

Species Rat

ATE inhalation (vapours mg/l) 6.7

Skin corrosion/irritation

Animal data No information available.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Germ cell mutagenicity

Genotoxicity - in vitro No information available.

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity - fertility No information available.

Specific target organ toxicity - single exposure

STOT - single exposure No information available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No information available.

Aspiration hazard

Aspiration hazard No information available.

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 6,000.0

Species Rat

ATE oral (mg/kg) 6,000.0

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ >5000 mg/kg, Dermal, Rabbit

ELITE UVP6600

Skin corrosion/irritation

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

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure NOAEL 100 mg/l, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 25 mg/kg/day, Oral, Rat

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

Inhalation Dust in high concentrations may irritate the respiratory system.

Ingestion May cause discomfort if swallowed.

Skin contact Prolonged skin contact may cause temporary irritation.

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

TRIPHENYL PHOSPHITE

Ecotoxicity The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Ecotoxicity Very toxic to aquatic life with long lasting effects.

ELITE UVP6600

12.1. Toxicity

Toxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

TRIPHENYL PHOSPHITE

Toxicity Very toxic to aquatic organisms.

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

M factor (Chronic) 1

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Toxicity Very toxic to aquatic life.

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C₅₀ ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: 0.199 mg/l, Fish
LC₅₀, 96 hour: > 0.57 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.31 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: 0.42 mg/l, Algae
IC₅₀, 72 hour: > 0.4 mg/l, Desmodesmus subspicatus

Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Non-rapidly degradable

M factor (Chronic) 1

Chronic toxicity - aquatic invertebrates NOEC, 21 day: 0.316 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability No information available.

Ecological information on ingredients.

TRIPHENYL PHOSPHITE

Persistence and degradability There are no data on the degradability of this product.

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Persistence and degradability The product is not readily biodegradable.

ELITE UVP6600**12.3. Bioaccumulative potential**

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

Ecological information on ingredients.**TRIPHENYL PHOSPHITE**

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient No information available.

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Bioaccumulative potential The product contains potentially bioaccumulating substances. BCF: 598,

Partition coefficient log Pow: 5.1

12.4. Mobility in soil

Mobility Immiscible with water.

Ecological information on ingredients.**TRIPHENYL PHOSPHITE**

Mobility Hydrolysis in water

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No information available.

Ecological information on ingredients.**TRIPHENYL PHOSPHITE**

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects Not determined.

Ecological information on ingredients.**TRIPHENYL PHOSPHITE**

Other adverse effects No information required.

2,6 DI-TERT-BUTYL-P-CRESOL (BHT)

ELITE UVP6600

Other adverse effects Not determined.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

General information	Waste is classified as hazardous waste. Harmful to aquatic life with long lasting effects. Do not discharge into drains or watercourses or onto the ground. Do not puncture or incinerate, even when empty.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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

EU legislation	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) (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 (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015.
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15.2. Chemical safety assessment

Not applicable.

SECTION 16: Other information

ELITE UVP6600

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
 CAS: Chemical Abstracts Service.
 DNEL: Derived No Effect Level.
 IATA: International Air Transport Association.
 IMDG: International Maritime Dangerous Goods.
 Kow: Octanol-water partition coefficient.
 LC₅₀: Lethal Concentration to 50 % of a test population.
 LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
 RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
 vPvB: Very Persistent and Very Bioaccumulative.
 IARC: International Agency for Research on Cancer.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
 cATpE: Converted Acute Toxicity Point Estimate.
 BCF: Bioconcentration Factor.
 BOD: Biochemical Oxygen Demand.
 EC₅₀: 50% of maximal Effective Concentration.
 LOAEC: Lowest Observed Adverse Effect Concentration.
 LOAEL: Lowest Observed Adverse Effect Level.
 NOAEC: No Observed Adverse Effect Concentration.
 NOAEL: No Observed Adverse Effect Level.
 NOEC: No Observed Effect Concentration.
 LOEC: Lowest Observed Effect Concentration.
 DMEL: Derived Minimal Effect Level.
 EL50: Exposure Limit 50
 hPa: Hectopascal
 LL50: Lethal Loading fifty
 OECD: Organisation for Economic Co-operation and Development
 POW: Octanol-water partition coefficient
 SCBA: self-contained breathing apparatus
 STP: Sewage Treatment Plant
 VOC: Volatile Organic Compounds

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity
 Aquatic Acute = Hazardous to the aquatic environment (acute)
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Key literature references and sources for data

Supplier's information.

Revision date

29/07/2020

Version number

1.000

SDS number

60671

SDS status

Approved.

ELITE UVP6600

Hazard statements in full

H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains TRIPHENYL PHOSPHITE. May produce an allergic reaction.

Signature

J Spenceley