



## SAFETY DATA SHEET

### SUPADEC - Paint & Varnish Stripper

According to Regulation (EC) No 1907/2006 Annex II as amended by Regulation (EU) 2015/830.

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

##### 1.1. Product identifier

**Product name** SUPADEC - Paint & Varnish Stripper

**REACH registration notes** No REACH registration number required as this product is a mixture.

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

**Identified uses** A brush applied liquid for removing paint and varnish from surfaces.

**Uses advised against** Not to be used indoors for periods longer than 4 hours. Reason is that it may result in over exposure to hazardous vapours.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** Bartoline Limited  
Barmston Close  
Beverley  
East Yorkshire  
HU17 0LW  
01482 678710  
info@bartoline.co.uk

**Contact person** Product Compliance Manager

##### 1.4. Emergency telephone number

**Emergency telephone** 01482 678710 (8.30am - 4.45pm Monday to Friday) or NHS 111 (General Public) (24 Hour service)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Acute Tox. 4 - H302 Acute Tox. 4 - H332

**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Warning

**Hazard statements** H302+H332 Harmful if swallowed or if inhaled.

## SUPADEC - Paint & Varnish Stripper

<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P270 Do not eat, drink or smoke when using this product.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P261 Avoid breathing vapours.</p> <p>P264 Wash hands thoroughly after handling.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>IF SWALLOWED: Call a Doctor/NHS 111 if you feel unwell.</p> <p>P330 Rinse mouth.</p> <p>P501 Dispose of contents/container to hazardous waste collection point.</p>
---------------------------------	--

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>benzyl alcohol</b>			<b>30-60%</b>
CAS number: 100-51-6	EC number: 202-859-9	REACH registration number: 01-2119492630-38-XXXX	
<b>Classification</b>			
Acute Tox. 4 - H302			
Acute Tox. 4 - H332			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments** A Non Methylene Chloride water based blend.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR THE NHS 111 SERVICE. Remove affected person from source of contamination.
<b>Inhalation</b>	Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Get medical attention if a large quantity has been ingested.
<b>Skin contact</b>	It is unlikely that any adverse symptoms occur. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that airborne contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves.

## SUPADEC - Paint & Varnish Stripper

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Vapours inhaled in strong concentration have a narcotic effect on the central nervous system. Irritation of the respiratory tract due to excessive fume, causes headache, drowsiness or other effects to the central nervous system, loss of consciousness.
<b>Ingestion</b>	May cause stomach pain or vomiting.
<b>Skin contact</b>	Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.
<b>Eye contact</b>	Burning feeling and temporary redness.

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

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	No specific chemical antidote is known to be required after exposure to this product.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	If involved in a fire, shut off flow if it can be done without risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Ventilate closed spaces before entering them. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	In case of a large fire or in confined or poorly ventilated spaces, wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Do not touch or walk into spilled material. Avoid inhalation of vapours and contact with skin and eyes. Do not enter storage areas or confined spaces unless adequately ventilated. If ventilation is inadequate, suitable respiratory protection must be worn. Wear protective clothing as described in Section 8 of this safety data sheet. Take care as floors and other surfaces may become slippery. Wash thoroughly after dealing with a spillage.
-----------------------------	--

## SUPADEC - Paint & Varnish Stripper

**For emergency responders** Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards.  
For waste disposal, see section 13.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Stop leak if safe to do so. To prevent release, place container with damaged side up. Do not touch or walk into spilled material. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** The information contained in this section has been extracted from the hazardous substance/substances Exposure Scenario. Hazardous substance content = Benzyl Alcohol >= 25%. Avoid carrying out activities involving exposure for more than 4 hours in any 24 hour period, Any brushing application indoors for periods greater than 4 hours should only be carried out in the presence of local exhaust ventilation (LEV)..

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated. Take off contaminated clothing and wash it before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store at temperatures between 5°C and 25°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep locked up and out of the reach of children.

**Storage class** Miscellaneous hazardous material storage.

### 7.3. Specific end use(s)

**Specific end use(s)** A brush applied liquid for the removal of paint and varnish from surfaces.

**Usage description** For brushing/roller application use for no more than 4 hours in any 24 hour period. Keep containers closed when not in use. Keep out of reach of children.

## SUPADEC - Paint & Varnish Stripper

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### benzyl alcohol

According to the Suppliers MSDS this substance has no occupational exposure limit values.

##### Ingredient comments

The information quoted is taken from the hazardous ingredients Exposure Scenario (ES).  
Substance name: Benzyl Alcohol Concentration of substance/s in mixture.  $\geq 25\%$  Physical form of product in which the substance is contained. Liquid Duration and Frequency of use: 4 hours in any 24 hours, 365 days a year.

##### benzyl alcohol (CAS: 100-51-6)

<b>Ingredient comments</b>	The data quoted below is for the hazardous ingredients.
<b>DNEL</b>	Data taken from the ECHA REACH Registration Portal. Workers - Inhalation; Long term systemic effects: 22 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 110 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 8 mg/kg/day Workers - Dermal; Short term systemic effects: 40 mg/kg/day General population - Inhalation; Long term systemic effects: 5.4 mg/m <sup>3</sup> General population - Inhalation; Short term systemic effects: 27 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 4 mg/kg/day General population - Dermal; Short term systemic effects: 20 mg/kg/day General population - Oral; Long term systemic effects: 4 mg/kg/day General population - Oral; Short term systemic effects: 20 mg/kg/day
<b>DMEL</b>	Data taken from the ECHA REACH Registration Portal. Workers - Inhalation; Long term systemic effects: 1072 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 400 mg/kg/day General population - Inhalation; Long term systemic effects: 1072 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 400 mg/kg/day General population - Oral; Long term systemic effects: 400 mg/kg/day
<b>PNEC</b>	Data taken from the ECHA REACH Registration Portal. Industry - Fresh water; Long term 1 mg/l Industry - marine water; Long term 0.1 mg/l Industry - Intermittent release; 2.3 mg/l Industry - STP; Long term 39 mg/l Industry - Sediment (Freshwater); Long term 5.27 mg/kg sediment dw Industry - Sediment (Marinewater); Long term 0.527 mg/kg Industry - Soil; Long term 0.456 mg/kg

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

When applying by brush limit any working time with this product to 4 hours in any 24 hour period. Any brushing application indoors for periods longer than 4 hours should only be carried out in the presence of Local Exhaust Ventilation (LEV).

##### Personal protection

Protective engineering solutions should be implemented and in use before Personal Protective Equipment (PPE) is considered.

## SUPADEC - Paint & Varnish Stripper

<b>Eye/face protection</b>	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.
<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	If used in accordance with section 7 of this MSDS the use of respiratory protection should not be required. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Wear a respirator fitted with the following cartridge: Gas filter, type A2.
<b>Environmental exposure controls</b>	Technical on site conditions and measures to reduce or limit discharges, air emissions and releases to soil: Keep container tightly sealed when not in use. Conditions and measures related to external treatment of waste for disposal. Dispose of in accordance with relevant local regulations, in the UK this is the Hazardous Waste Regulations. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	White/off-white.
<b>Odour</b>	Slight. Almond.
<b>Odour threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): 4 - 5
<b>Melting point</b>	-15°C (Figure quoted is for the hazardous ingredient Benzyl Alcohol)
<b>Initial boiling point and range</b>	198 - 230 Degrees C
<b>Flash point</b>	> 100°C Not specified. Water Based
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable. Not classified as flammable or explosive.
<b>Vapour pressure</b>	17.7 hPa @ 100°C Data quoted is for the main solvent ingredient.
<b>Vapour density</b>	~ 3.75 Data quoted is for main solvent ingredient.
<b>Relative density</b>	~ 1.06g/l
<b>Solubility(ies)</b>	Soluble in the following materials: Water
<b>Partition coefficient</b>	log Kow: ~ 1.05 Figure quoted is for the hazardous ingredient Benzyl Alcohol.

## SUPADEC - Paint & Varnish Stripper

<b>Auto-ignition temperature</b>	436°C Data quoted is for the main solvent ingredient.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.
<b>Explosive properties</b>	Not considered explosive based on chemical structure and oxygen balance considerations.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	This product is not considered oxidising based on chemical structure considerations.
<b>Comments</b>	Information given is for the mixture as a whole unless stated otherwise. Information declared as "Not available" or "Not applicable" is not considered to be relevant to the implementation of the proper control measures.

### 9.2. Other information

**Volatile organic compound** This product contains a maximum VOC content of 38 g/l.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with the following materials: Strong acids. Oxidising materials.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Benzyl Alcohol is the only hazardous ingredient and therefore all toxicological effects are related to the substance. The Toxicity of the main hazardous constituent has been assessed through the REACH process. See information on individual substances below.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 500.0

#### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 11.0

#### Toxicological information on ingredients.

benzyl alcohol

## SUPADEC - Paint & Varnish Stripper

<b>Toxicological effects</b>	The data quoted is taken from the REACH registration portal for this substance and the suppliers MSDS.
<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	1,620.0
<b>Species</b>	Rat
<b>Notes (oral LD<sub>50</sub>)</b>	10 male rats received a single oral application per gavage of 1.0, 1.2, 1.4, 1.5, 2.0 and 2.1 ml benzyl alcohol/kg bw (= 1045, 1254, 1463, 1467, 2090 and 2195 mg/kg bw; density: 1.045 g/ml) and were observed for 14 days. Clinical signs were observed from 1.2 ml/kg bw onwards and included sedation, side and prone position, bloody eyes and reduction of general condition. The resulting LD50 was 1.55 ml/kg bw (= 1620 mg/kg bw) (Bayer AG 1978).
<b>ATE oral (mg/kg)</b>	1,620.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
<b>ATE dermal (mg/kg)</b>	2,000.1
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	In a study according to OECD TG 403 groups of 5 young adult Wistar rats/sex were subjected to a single 4-hour head/nose-only exposure to aerosol concentrations of 0 (air control), 3297, and 4178 mg/m <sup>3</sup> air and observed for 14 days post exposure. The concentration of 4178 mg/m <sup>3</sup> was proven to be the maximum technically achievable concentration. The generated aerosol was respirable for rats.  No mortality occurred in the course of the study. Transient clinical signs (piloerection, slight bradypnoea; recovery within 1 day) were seen as causally related to the slight irritant effect of the test article to the upper respiratory tract (reflex bradypnoea caused by sensory irritation). No indication of respiratory damaging property was found in this study. Therefore, the LC50 (4h) was concluded to be > 4178 mg/m <sup>3</sup> air for male and female rats.
<b>ATE inhalation (vapours mg/l)</b>	20.0
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	In a study for skin irritation/corrosion on rabbits according to OECD TG 404 benzyl alcohol showed only slight effects to the skin in one animal (exposure period: 4 hours, 2 rabbits without any irritant effects, 1 rabbit with erythema score 1 at maximum, fully resolved within 72 hours) (Bayer AG 1990).
<b>Animal data</b>	Not irritating. OECD 404
<b>Human skin model test</b>	Not available.
<b>Extreme pH</b>	Not available.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b><u>Respiratory sensitisation</u></b>	



## SUPADEC - Paint & Varnish Stripper

<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met. Not sensitising.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met. Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Benzyl alcohol showed no effect in the chromosomal aberration test with CHL-cells, when tested up to the highest non-cytotoxic concentration (1 mg/mL) (Ishidate et.al. 1984, 1988)
<b>Genotoxicity - in vivo</b>	Benzyl alcohol did not induce an increased number of micronuclei in polychromatic erythrocytes of the bone marrow of mice after repeated i.p. administration (4 x 100 mg/kg bw) at 24 -hour intervals.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	In a study equivalent to OECD TG 451 (supervised by NTP) male and female F344/N rats received daily by gavage 0, 200 and 400 mg/kg bw/day benzyl alcohol diluted in corn oil for 104 weeks (5 days/week). Cited from NTP-report: "Under the conditions of these 2-year gavage studies, there was no evidence of carcinogenic activity of benzyl alcohol for male or female F344/N rats dosed with 200 or 400 mg/kg.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	<p>In a study according to OECD TG 412 aerosolized benzyl alcohol was administered via nose-only inhalation for 6 hours per day on a 5-day/week basis for a period of 4 weeks (a minimum of 20 exposures/animal) to 4 groups (Groups 2-5) of Sprague-Dawley rats. Target exposure concentrations were 30, 100, 300, and 1000 mg/m<sup>3</sup> for Groups 2, 3, 4, and 5, respectively. A concurrent control group (Group 1) was exposed to filtered air on a comparable regimen. Each group consisted of 10 animals/sex. All animals were euthanized on the day following the last exposure.</p> <p>Based on the results of this study, repeated inhalation exposure of male and female rats to benzyl alcohol at mean analytical concentrations of 41, 102, 290 and 1072 mg/m<sup>3</sup> was well-tolerated with no adverse effects at any exposure concentration. Regarding reproductive organs no finding was seen that was considered to be of toxicological relevance.</p> <p>no-observed-adverse-effect concentration (NOAEC) was considered to be 1,072 mg/m<sup>3</sup>.</p>
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.

## SUPADEC - Paint & Varnish Stripper

### SECTION 12: Ecological information

**Ecotoxicity** Benzyl Alcohol is the only hazardous ingredient and therefore any Ecotoxicity is related to that ingredient. See data on hazardous ingredient below

#### 12.1. Toxicity

##### Ecological information on ingredients.

##### benzyl alcohol

<b>Toxicity</b>	See information on ingredient substances below.
<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 460 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 230 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 770 mg/l, Selenastrum capricornutum
<b>Acute toxicity - microorganisms</b>	IC <sub>50</sub> , 49 hours: 2100 mg/l, Aerobic heterotrophs and Nitrosomonas IC <sub>50</sub> , 24 hours: 390 mg/l, Aerobic heterotrophs and Nitrosomonas
<b>Acute toxicity - terrestrial</b>	EC <sub>50</sub> , 72 hours: 770 mg/l, Pseudokirchnerella subcapitata NOEC, 72 hours: 310 mg/l, Pseudokirchnerella subcapitata
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - fish early life stage</b>	Not available.
<b>Short term toxicity - embryo and sac fry stages</b>	Not available.
<b>Chronic toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 21 days: 66 mg/l, Daphnia magna NOEC, 21 days: 51 mg/l, Daphnia magna
<b>Toxicity to soil</b>	Not available.
<b>Toxicity to terrestrial plants</b>	Not available.

#### 12.2. Persistence and degradability

##### Ecological information on ingredients.

##### benzyl alcohol

<b>Persistence and degradability</b>	This ingredient is readily biodegradable (OECD 301C and 301A).
<b>Stability (hydrolysis)</b>	Not available.
<b>Biodegradation</b>	Water - Degradation 92-96: 14 days The results of the test showed that benzyl alcohol degrades 92-96 % after 14 days, which indicates that the substance is readily biodegradable.
<b>Biological oxygen demand</b>	Not available.
<b>Chemical oxygen demand</b>	Not available.

## SUPADEC - Paint & Varnish Stripper

### 12.3. Bioaccumulative potential

**Partition coefficient** log Kow: ~ 1.05 Figure quoted is for the hazardous ingredient Benzyl Alcohol.

#### Ecological information on ingredients.

##### benzyl alcohol

**Bioaccumulative potential** Low potential to bioaccumulate (log Kow <3)

**Partition coefficient** log Kow: ~ 1.05

### 12.4. Mobility in soil

#### Ecological information on ingredients.

##### benzyl alcohol

**Adsorption/desorption coefficient** Not available.

**Henry's law constant** The Henry's Law constant for seven groups of organic chemicals, including benzyl alcohol, was experimentally determined using a thermodynamic method at 25°C. The Henry's Constant for benzyl alcohol was determined to be < 1.1E-5 (dimensionless) at 25°C.

**Surface tension** Not available.

### 12.5. Results of PBT and vPvB assessment

#### Ecological information on ingredients.

##### benzyl alcohol

**Results of PBT and vPvB assessment** This substance is considered not to be PBT and vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SUPADEC - Paint & Varnish Stripper

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **General information**

The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. This material and its container must be disposed of as hazardous waste. When handling waste, the safety precautions applying to handling of the product should be considered.

##### **Disposal methods**

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

##### **Waste class**

The following EU Waste Catalogue codes are applicable to this product: These codes have been assigned based on the actual composition of the product as supplied. If mixed with other wastes, the waste codes quoted may not be applicable. Any absorbents used for clearing up spills should be disposed of using waste code: Empty used containers containing residues should be disposed of using waste code: 08.01.21 Waste Paint or Varnish Remover. Part-used containers should be disposed of using waste code: 08.01.21 Waste Paint or Varnish Remover. When this product, in its liquid state, as supplied becomes waste it should be disposed of using the following waste code. 08.01.21 Waste Paint or Varnish Remover. When used the removed sludge should be disposed of using the following waste code: Used Liquid 08.01.13 - Sludges from Paint and Varnish containing organic solvents or other dangerous substances.

### SECTION 14: Transport information

##### **General**

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

#### 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.

## SUPADEC - Paint & Varnish Stripper

### SECTION 15: Regulatory information

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

##### National regulations

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EH40/2005 Workplace exposure limits.

Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

##### EU legislation

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).

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).

##### Guidance

Workplace Exposure Limits EH40.

##### Health and environmental listings

None of the ingredients are listed.

##### Authorisations (Annex XIV Regulation 1907/2006)

No specific authorisations are known for this product.

##### Restrictions (Annex XVII Regulation 1907/2006)

No specific restrictions on use are known for this product.

#### 15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out for the hazardous ingredients. An exposure scenario has been prepared for the hazardous ingredient. The relevant information has been abstracted and incorporated into the main body of this SDS.

## SUPADEC - Paint & Varnish Stripper

### SECTION 16: Other information

<b>General information</b>	Only trained personnel should use this material.
<b>Training advice</b>	The information on directions for use can be found on the product label. It is important to ensure that anyone using this product in the workplace has been adequately trained and in particular: The use of personal protective equipment, methods of cleaning up and disposal of waste. The basic first aid arrangements.
<b>Revision comments</b>	DUE TO CHANGE OF CLASSIFICATION DATABASE THE REVISION NUMBERING HAS BEEN RESET. You should therefore look at the revision date rather than the revision number to ensure you have the most up to date version. NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	Product Compliance Assistant
<b>Revision date</b>	14/11/2018
<b>Revision</b>	1
<b>SDS number</b>	5626
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H302+H332 Harmful if swallowed or if inhaled. H332 Harmful if inhaled.

The information contained in this data sheet is provided in accordance with the requirements of the Regulation (EC) No 1907/2006 Annex II as amended by Regulation (EU) 2015/830 and Regulation (EC) No 1272/2008 (CLP). The product should not be used for purposes other than those shown in Section 1.2. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present knowledge and the current EU and UK Legislation. It provides guidance on health, safety and environmental aspects of the product and should not be taken as a product specification. 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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.