

# **SAFETY DATA SHEET**

# Bartoline - Clean Spirit (Improved formulation)

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

# 1.1. Product identifier

Product name Bartoline - Clean Spirit (Improved formulation)

EU 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 Cleaning agent.

Uses advised against

Not to be used for cleaning skin as this may lead to skin disorders. Not to be used for thinning

oil based paints. Reason: product is water based and will not work.

## 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 Regulatory Affairs Manager

**EU ADDRESS** Bartoline Ireland Limited

Unit 3D North Point House North Point Business Park

New Mallow Road Cork T23 AT2P

Ireland

+353212066441 info@bartoline.eu

# 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 (SI 2019 No. 720)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

# Bartoline - Clean Spirit (Improved formulation)

**Precautionary statements** P102 Keep out of reach of children.

P302+P352 IF ON SKIN: Wash with plenty of water.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention.

### 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

# (2-methoxymethylethoxy)propanol (Substance with a

5-10%

community workplace exposure limit.)

Classification
Not Classified

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

### Composition comments

A solution of surfactants and water soluble solvents dissolved in water. Other than indicated this mixture does not contain any substances equal to or greater than 1% for: (a) substances which present a health or environmental hazard within the meaning of Regulation (EC) No 1272/2008; or (b) substances for which a Union workplace exposure limits have been assigned. This product does not contain any substances classified as Substances of Very High Concern (SVHCs).

# SECTION 4: First aid measures

# 4.1. Description of first aid measures

General information This is a non hazardous mixture and as such any ill health effects are unlikely to have been

caused by contact with this product.

**Inhalation** Unlikely route of exposure. Move affected person to fresh air and keep warm and at rest in a

position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. If breathing stops, provide

artificial respiration. If in doubt, get medical attention promptly.

**Ingestion** Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any

discomfort continues.

Skin contact Rinse immediately with plenty of water. Get medical attention if symptoms are severe or

persist.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. Continue to rinse. Get medical attention if symptoms are severe or

persist after washing.

Protection of first aiders This is a non hazardous product and therefore no protection should be required, however

consideration should be given to other contaminants in the workplace.

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

**General information** The product is considered to be a low hazard under normal conditions of use.

# Bartoline - Clean Spirit (Improved formulation)

**Inhalation** Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at

ambient temperature.

Ingestion The product is considered to be a low hazard under normal conditions of use. No harmful

effects expected from quantities likely to be ingested by accident.

Skin contact The product is considered to be a low hazard under normal conditions of use. No specific

symptoms known. Skin irritation should not occur when used as recommended. Prolonged

contact may cause redness, irritation and dry skin.

**Eye contact** The product is considered to be a low hazard under normal conditions of use. May cause

temporary eye irritation.

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

Notes for the doctor Treat symptomatically.

Specific treatments No specific chemical antidote is known to be required after exposure to this product.

### SECTION 5: Firefighting measures

# 5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

None known.

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

Specific hazards None known.

Hazardous combustion

products

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentrations.

# 5.3. Advice for firefighters

Protective actions during

firefighting

Move containers from fire area 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. Control runoff water by containing and keeping it out of sewers and watercourses.

Special protective equipment

for firefighters

Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during fire fighting operations. If contact is likely, change to full chemical resistant fire fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections

# Other information

### SECTION 6: Accidental release measures

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

Personal precautions Keep unnecessary and unprotected personnel away from the spillage. For personal

protection, see Section 8. Take care as floors and other surfaces may become slippery. Wash

thoroughly after dealing with a spillage.

For non-emergency personnel No specific advice required.

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.

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#### 6.2. Environmental precautions

**Environmental precautions** 

The product is not expected to be toxic to aquatic organisms. The product is biodegradable but it must not be discharged into drains without permission from the authorities. However, large or frequent spills may have hazardous effects on the environment. To prevent release, place container with damaged side up. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

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

Methods for cleaning up

Flush spilled material into an effluent treatment plant, or proceed as follows. Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Flush contaminated area with plenty of water. Discharge of small quantities to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. For waste disposal, see Section 13.

## 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

Do not eat, drink or smoke when using this product. Avoid contact with eyes and prolonged skin contact. Good personal hygiene procedures should be implemented. Do not handle broken packages without protective equipment. Wash contaminated skin thoroughly after handling.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wash contaminated skin thoroughly after handling.

**Technical measures** 

# 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store at temperatures between 5°C and 30°C.

Storage class Unspecified storage.

7.3. Specific end use(s)

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

Usage description Always follow on pack instructions when using this product. Apply "common sense" measures

when handling this product. Keep out of reach of children. Where possible avoid prolonged contact with the skin. Keep containers closed when not in use. People with sensitive skin

should wear rubber protective gloves.

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## SECTION 8: Exposure controls/Personal protection

## 8.1. Control parameters

### Occupational exposure limits

## (2-methoxymethylethoxy)propanol (Substance with a community workplace exposure limit.)

Long-term exposure limit (8-hour TWA): WEL 50 ppm 308 mg/m<sup>3</sup>

Sk

### 2-Propylheptanol ethoxylate

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

#### Alcohols, C9-11, ethoxylated

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

#### Benzyl Alcohol

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

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

# (2-methoxymethylethoxy)propanol (Substance with a community workplace exposure limit.) (CAS: 34590-94-8)

**DNEL** Industry - Dermal; Long term : 65 mg/kg/day

Industry - Inhalation; Long term : 310 mg/m³ Consumer - Dermal; Long term : 15 mg/kg/day Consumer - Inhalation; Long term : 37.2 mg/m³ Consumer - Oral; Long term : 1.67 mg/kg/day

PNEC Fresh water; 19 mg/l

marine water; 1.9 mg/l

STP; 4168 mg/l

Sediment (Freshwater); 70.2 mg/kg Sediment (Marinewater); 7.02 mg/kg

Soil; 2.74 mg/kg

Intermittent release; 190 mg/l

2-Propylheptanol ethoxylate (CAS: 160875-66-1)

**DNEL** No data available from supplier of the substances.

**PNEC** No data available from the substance supplier.

Alcohols, C9-11, ethoxylated (CAS: 68439-46-3)

**DNEL** No data available from supplier of the substances.

**PNEC** No data available from the substance supplier.

Benzyl Alcohol (CAS: 100-51-6)

**Ingredient comments** The data quoted below is for the hazardous ingredients.

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**DNEL** Workers - Dermal; Long term systemic effects: 9.5 mg/kg bw/day

Workers - Inhalation; Long term systemic effects: 90 mg/m³

Workers - Oral; Long term systemic effects: not relevant

Workers - Dermal; Short term systemic effects: 47 mg/kg bw/day

Workers - Oral; Short term systemic effects: Not relevant Workers - Inhalation; Short term systemic effects: 450 mg/m³

General population - Dermal; Long term systemic effects: 5.7 mg/kg bw/day General population - Inhalation; Long term systemic effects: 8.11 mg/m³ General population - Oral; Long term systemic effects: 5 mg/kg bw/day General population - Dermal; Short term systemic effects: 29 mg/kg bw/day General population - Oral; Short term systemic effects: 25 mg/kg bw/day

General population - Inhalation; Short term systemic effects: 40 mg/m3

**PNEC** 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 Industry - Sediment (Marinewater); Long term 0.527 mg/kg

Industry - Soil; Long term 0.456 mg/kg

## Glutamic Acid, N,N-Diacetic Acid, Tetrasodium Salt (CAS: 51981-21-6)

**DNEL** Workers - Inhalation; Short term systemic effects: 55 mg/m<sup>3</sup>

Workers - Inhalation; Short term local effects: 55 mg/m³
Workers - Inhalation; Long term systemic effects: 7.3 mg/m³
Workers - Dermal; Long term systemic effects: 15000 mg/kg/day
General population - Inhalation; Long term systemic effects: 1.8 mg/m³

General population - Dermal; Long term systemic effects: 7500 mg/kg/day General population - Oral; Long term systemic effects: 1.5 mg/kg/day

PNEC Fresh water; 2 mg/l

marine water; 0.2 mg/l Intermittent release; 1 mg/l

## 8.2. Exposure controls

## Protective equipment





# Appropriate engineering controls

No specific ventilation requirements.

# 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 and face shield. Personal protective equipment that provides appropriate eye and face protection should be worn.

# Hand protection

Although the product is not classified as a skin irritant, the wearing of gloves is recommended for people with sensitive skin or for prolonged or repeated use. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber. Polyvinyl chloride (PVC). Rubber (natural, latex).

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Other skin and body

protection

Given the identified use of the product additional skin and body protection should not be

required.

Hygiene measures Good personal hygiene procedures should be implemented. Wash hands thoroughly after

handling. Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Use appropriate hand lotion to prevent defatting and

cracking of skin.

Respiratory protection If used in accordance with section 7 of this MSDS the use of respiratory protection should not

be required. No specific requirements are anticipated under normal conditions of use.

Thermal hazards Not Applicable

**Environmental exposure** 

controls

Keep container tightly sealed when not in use. Dispose of in accordance with relevant local regulations, in the UK this is the Hazardous Waste Regulations. Store in a demarcated

bunded area to prevent release to drains and/or watercourses.

# SECTION 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Clear.

Odour Detergent.

Odour threshold Not available.

**pH** 10.5 - 11.0

Melting point Not applicable.

Initial boiling point and range 100 Degrees C (water)

Flash point Not applicable. Water Based

Evaporation rate Not applicable.

Evaporation factor Not applicable.

Upper/lower flammability or

explosive limits

Not applicable.

Vapour pressure Not applicable.

Vapour density Not applicable.

Relative density 1.010

Solubility(ies)Soluble in water.Partition coefficientNot applicable.Auto-ignition temperatureNot applicable.Decomposition TemperatureNot available.

Viscosity Not determined.

**Explosive properties** Not considered to be explosive.

Explosive under the influence

of a flame

Not considered to be explosive.

Oxidising properties This product is not considered oxidising based on chemical structure considerations.

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Comments Information given is applicable to the product in its ready-to-use form. 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 70 g/l.

Surface tension

# Bartoline - Clean Spirit (Improved formulation)

# 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. If exposed to

temperatures above 35 Degress C the product will become cloudy. This cloudy effect will not

affect the performance or safety of the product.

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 Acids - oxidising.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Does not decompose when used and stored as recommended. 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**This product has low toxicity. Only large volumes may have adverse impact on human health.

See information on individual substances below.

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.

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

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met. There is no evidence that the

product can cause cancer. Contains a substance which has limited evidence of carcinogenic effects. The quanity of this ingredient is well below the specific concentration limit for the

substance.

Reproductive toxicity

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

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Reproductive toxicity -

development

Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

General information Only large quantities are likely to have adverse effects on human health. This product has low

toxicity.

**Inhalation** Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at

ambient temperature.

**Ingestion** The product is considered to be a low hazard under normal conditions of use. No harmful

effects expected from quantities likely to be ingested by accident.

**Skin contact** The product is considered to be a low hazard under normal conditions of use.

Eye contact This mixture does not meet the EU criteria for classification. Any eye contact may cause a

burning feeling and temporary redness.

Acute and chronic health

hazards

Because of the product's quantity and composition, the health hazard is regarded as low. No

known chronic or acute health risks.

Route of exposure Ingestion Skin and/or eye contact

Target organs Skin Eyes

**Medical considerations** The following pre-existing or historic medical conditions of the worker may lead to an

increased risk of adverse health effects following exposure to this product: Pre-existing eye

problems. History of smoking. Skin disorders and allergies.

# Toxicological information on ingredients.

# (2-methoxymethylethoxy)propanol (Substance with a community workplace exposure limit.)

Acute toxicity - oral

Acute toxicity oral (LD50

5,135.0

mg/kg)

**Species** Rat

**ATE oral (mg/kg)** 5,135.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 9,500.0

mg/kg)

**Species** Rat

**ATE dermal (mg/kg)** 9,500.0

Acute toxicity - inhalation

Acute toxicity inhalation 3,404.0

(LC50 vapours mg/l)

# Bartoline - Clean Spirit (Improved formulation)

**Species** Rat

ATE inhalation (vapours

mg/l)

3,404.0

Benzyl Alcohol

**Toxicological effects** The data quoted is taken from the REACH registration portal for this substance and

the suppliers MSDS.

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

1.620.0

**Species** Rat

Notes (oral LD₅₀) 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).

ATE oral (mg/kg) 1.620.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,000.1

mg/kg)

Rabbit **Species** 

Notes (dermal LD50) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 2,000.1

Acute toxicity - inhalation

Notes (inhalation LC50) 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/m³ air and observed for 14 days post exposure. The concentration of 4178 mg/m³ 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/m³ air for male and

female rats.

ATE inhalation (vapours

mg/l)

11.0

Skin corrosion/irritation

Animal data Not irritating. OECD 404

Serious eye damage/irritation

# Bartoline - Clean Spirit (Improved formulation)

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. Not sensitising.

Skin sensitisation

Skin sensitisation

Based on available data the classification criteria are not met. Not sensitising.

Carcinogenicity

Carcinogenicity

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.

# Reproductive toxicity

Reproductive toxicity - fertility

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/m³ 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.

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/m³ 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.

no-observed-adverse-effect concentration (NOAEC) was considered to be 1,072  $\,$  mg/m³.

Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

# Bartoline - Clean Spirit (Improved formulation)

# SECTION 12: Ecological information

**Ecotoxicity** The product is not expected to be hazardous to the environment. However, large or frequent

spills may have hazardous effects on the environment. The product components are not

classified as environmentally hazardous.

## 12.1. Toxicity

Ecological information on ingredients.

## Benzyl Alcohol

**Toxicity** See information on ingredient substances below.

Acute aquatic toxicity

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 460 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC₅o, 48 hours: 230 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC₅o, 72 hours: 770 mg/l, Selenastrum capricornutum

### 12.2. Persistence and degradability

Ecological information on ingredients.

# Benzyl Alcohol

Persistence and degradability

This ingredient is readily biodegradable (OECD 301C and 301A).

### 12.3. Bioaccumulative potential

Partition coefficient Not applicable.

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

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  $^{\circ}\text{C}.$ 

The Henry's Constant for benzyl alcohol was determined to be < 1.1E-5

(dimensionless) at 25°C.

# 12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

## Benzyl Alcohol

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

assessment

## 12.6. Other adverse effects

# Bartoline - Clean Spirit (Improved formulation)

# SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible. Dispose of

surplus products and those that cannot be recycled via a licensed waste disposal contractor. Dispose of waste product or used containers in accordance with local regulations Waste

should be treated as controlled waste.

Disposal methods Larger quantities should be treated in a suitable plant or disposed of via a licensed waste

disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority. Waste packaging should be

collected for reuse or recycling.

Waste class The following EU Waste Catalogue codes are applicable to this product: 20 01 30 - Liquid

waste - Detergents other than those mentioned in 20 01 29. Empty plastic containers can be disposed of using EU Waste code 15 01 02 plastic packaging. 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.

# **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 available.

## 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** Not applicable. **Annex II of MARPOL 73/78** 

and the IBC Code

# Bartoline - Clean Spirit (Improved formulation)

## 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).

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

EH40/2005 Workplace exposure limits.

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

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation

(EC) No 1907/2006 (Text with EEA relevance)

Guidance Workplace Exposure Limits EH40.

Authorisations (SI 2020 No.

1577 Annex XIV)

No specific authorisations are known for this product.

**Restrictions (SI 2020 No.** No specific restrictions on use are known for this product.

1577 Annex XVII)

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

Abbreviations and acronyms CLP

CLP: Classification Labelling Packaging Regulation (EC) No 1272/2008.

**used in the safety data sheet** GHS: Globally Harmonised System. DMEL: Derived Minimal Effect Level.

DNEL: Derived No Effect Level.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration. SVHC: Substances of Very High Concern. vPvB: very Persistent and very Bioaccumulative.

**General information** Only trained personnel should use this material.

**Training advice** 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.

Issued by Regulatory Affairs Manager

Revision date 08/03/2022

Revision 1

SDS number 6223

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.