



# Derwent Blender Pens

## SAFETY DATA SHEET

Date: 22-04-2022

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product Name Derwent Blender Pens  
Product code 2302177

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

Identified Use(s) Consumer use, Professional use – pencil blender.  
Uses Advised Against Not known.

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

Company Identification Acco UK Ltd.  
Oxford House, Oxford Road,  
Aylesbury, Bucks,  
HP21 8SZ.  
Telephone +44 (0) 844 209 8360  
Fax +44 (0) 845 603 1731  
E-mail [informationeurope@acco.com](mailto:informationeurope@acco.com)  
Website [www.acco.co.uk](http://www.acco.co.uk)  
Office hours 09:00 - 17:00

#### 1.4 Emergency telephone number

Company +44 (0) 844 209 8360 (09:00 - 17:00)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and Not classified as dangerous for supply/use.  
UK SI 2020/1567

#### 2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567  
Product Name Derwent Blender Pens  
Hazard Pictogram(s) None.  
Signal Word(s) None.  
Hazard Statement(s) None.  
Precautionary Statement(s) None.

#### 2.3 Other hazards

Solution in the barrel: May cause an allergic skin reaction. May cause drowsiness or dizziness.

#### 2.4 Additional Information

None.



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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Articles for printing and writing: Derwent Blender Pens

The Derwent Blender Pen is a type of pen that does not contain any pigment but its barrel is filled with solvent solution.

#### 3.1 Substances

Not applicable.

#### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Ethanol	64-17-5	200-578-6	45 - 50	Flam. Liq. 2 H225	GHS02
1-methoxy-2-propanol	107-98-2	203-539-1	15 - 25	Flam. Liq. 3 H226 STOT SE 3 H336	GHS02 GHS07
Rosin	8050-09-7	232-475-7	15 - 20	Skin Sens. 1 H317	GHS07

For full text of H/P Statements see section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

Inhalation	Unlikely route of exposure. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash hands and exposed skin after use.
Eye Contact	If contact with eyes directly, flush with gently flowing fresh water thoroughly.
Ingestion	Unlikely route of exposure.

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

None anticipated.

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

No special requirements.

### SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

#### 5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire. Extinguish with waterspray, dry chemical, sand or carbon dioxide.
Unsuitable extinguishing media	Heavy water stream.

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

May decompose if heated. Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

#### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.



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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

No special precautions are required for this product.  
Wash hands and exposed skin thoroughly after handling.

#### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

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

Collect mechanically and dispose of according to Section 13.

#### 6.4 Reference to other sections

See Also Section 8, 13.

### SECTION 7: HANDLING AND STORAGE

No hazard expected under normal conditions of use.

#### 7.1 Precautions for safe handling

Do not use in confined spaces. Avoid inhalation of high concentrations of vapours.  
Avoid contact with skin. Wash hands and exposed skin after use. Keep out of reach of children.

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

Keep container tightly closed. Keep away from heat and sources of ignition.

Storage temperature

Ambient.

Storage life

Indefinite.

Incompatible materials

Strongly acidic, Strongly alkaline.

#### 7.3 Specific end use(s)

Consumer use, Professional use – pencil blender.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### 8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Ethanol	64-17-5	1000	1920			
1-Methoxypropan-2-ol	107-98-2	100	375	150	560	Sk
Rosin-based solder flux fume	8050-09-7		0.05		0.15	Sen

Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

Sen Capable of causing occupational asthma.

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Not normally required.

8.2.2. Personal protection equipment



Eye Protection Not normally required.



Skin protection Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Solid. Colour : Transparent/Colourless.
Odour	Not known.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.



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### 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

No hazard expected under normal conditions of use.

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical Stability

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

Heat and direct sunlight.

### 10.5 Incompatible materials

Strongly acidic, Strongly alkaline.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

This material is unlikely to present a significant health hazard under normal conditions of handling and use.

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Low acute toxicity.
Skin corrosion/irritation	Unlikely to cause skin irritation.
Serious eye damage/irritation	Unlikely to cause eye irritation.
Skin sensitization data	It is not a skin sensitiser. Solution in the barrel: May cause an allergic skin reaction.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	None anticipated. Solution in the barrel: May cause drowsiness or dizziness.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.

### 11.2 Other information

Not known.



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### SECTION 12: ECOLOGICAL INFORMATION

The following information is based on the solution inside the barrel of the marker.

#### 12.1 Toxicity

Low toxicity to aquatic organisms.

#### 12.2 Persistence and degradability

The product is biodegradable.

#### 12.3 Bioaccumulative potential

The product has low potential for bioaccumulation.

#### 12.4 Mobility in soil

Insoluble in water. The product is predicted to have low mobility in soil.

#### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

#### 12.6 Other adverse effects

Not known.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Dispose at suitable refuse site.

#### 13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

### SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

#### 14.1 UN number

Not applicable

#### 14.2 UN proper shipping name

Not applicable

#### 14.3 Transport hazard class(es)

Not applicable

#### 14.4 Packing group

Not applicable

#### 14.5 Environmental hazards

Not classified as a Marine Pollutant.

#### 14.6 Special precautions for user

Not known

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known



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### SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances Not listed

of Very High Concern for Authorisation

UK REACH Authorisation List (Annex Not listed

XIV) list of substances subject to

authorisation

UK REACH Restrictions List (Annex XVII) Ethanol (64-17-5), 1-methoxy-2-propanol (107-98-2), Rosin (8050-09-7)

Restrictions on the manufacture, placing

on the market and use of certain

dangerous substances, mixtures and

articles

UK REACH Rolling Action Plan (RAP) Not listed

The Persistent Organic Pollutants Not listed

Regulations 2007 (SI 2007/3106) as

amended

The Ozone-Depleting Substances and Not listed

Fluorinated Greenhouse Gases

(Amendment etc.) (EU Exit) Regulations

2019 (SI 2019/583)

The Prior Informed Consent (PIC) Not listed

Regulations concerning the export and

import of hazardous chemicals

SI2008/2108 as amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Not listed

#### 15.2 Chemical Safety Assessment

Not applicable.

### SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

1-16

#### LEGEND

Hazard Pictogram(s)

GHS07: GHS: exclamation mark

GHS02: GHS: Flame

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Flam. Liq. 3 : Flammable liquid, Category 3

Skin Sens. 1 : Skin sensitization, Category 1

STOT SE 3 : Specific target organ toxicity — single exposure, Category 3



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### Hazard Statement(s)

H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H317: May cause an allergic skin reaction.  
H336: May cause drowsiness or dizziness.

### Acronyms

CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
EC : European Community  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

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