

**Line Maker****SAFETY DATA SHEET**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2015/830

**1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Product Name	Line Maker.
Product code	2305559, 2305560, 2305561, 2305562, 2305576, 2305563, 2305564, 2305565, 2305566, 2305567, 2305568, 2305569, 2305570, 2305571, 2305572, 2305573, 2305574, 2305575, 2305577, 2305578, 2305579, 2305580, 2305581, 2305582
Synonyms	Derwent Line Maker Black (6), Derwent Line Maker Black (3), Derwent Line Maker Sepia (3), Derwent Line Maker Graphite (3), Derwent Line Maker Colour (6), Derwent Line Maker Black 0.05, Derwent Line Maker Black 0.1, Derwent Line Maker Black 0.2, Derwent Line Maker Black 0.3, Derwent Line Maker Black 0.5, Derwent Line Maker Black 0.8, Derwent Line Maker Sepia 0.1, Derwent Line Maker Sepia 0.3, Derwent Line Maker Sepia 0.5, Derwent Line Maker Graphite 0.1, Derwent Line Maker Graphite 0.3, Derwent Line Maker Graphite 0.5, Derwent Line Maker Stock Pack (1x10x18), Derwent Line Maker Yellow 0.3, Derwent Line Maker Red 0.3, Derwent Line Maker Pink 0.3, Derwent Line Maker Purple 0.3, Derwent Line Maker Blue 0.3, Derwent Line Maker Green 0.3
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

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

Identified Use(s)	Water-based stationery ink.
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
Website	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)
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## 2. SECTION 2: HAZARDS IDENTIFICATION

## 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

## 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Line Maker.  
 Hazard Pictogram(s) None.  
 Signal Word(s) None.  
 Hazard Statement(s) None.  
 Precautionary Statement(s) None.

## 2.3 Other hazards

None.

## 2.4 Additional information

None.

## 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Contains: 55-70% Water (CAS No.: 7732-18-5)

## 3.1 Substances

Not applicable.

## 3.2 Mixtures

Ingredients	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Glycerol	56-81-5	200-289-5 01-2119471987-18- XXXX	20-25	Not classified	None
Propane-1,2-diol	57-55-6	200-338-0 01-2119456809-23- XXXX	1-5	Not classified.	None

## 4. SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

Inhalation 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 Wash out mouth with water.

## 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

Unlikely to be required but if necessary treat symptomatically.

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**SAFETY DATA SHEET****5. SECTION 5: FIREFIGHTING MEASURES**

Non-flammable.

**5.1 Extinguishing media**

Suitable Extinguishing media                      In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media                      None known.

**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, Nitrogen oxides.

**5.3 Advice for firefighters**

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

**6. SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

General hygiene measures for the handling of chemicals are applicable. Wear suitable protective clothing and gloves. Wash hands and exposed skin after use.

**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**

Absorb spillage in suitable inert material. Flush spill area with copious amounts of water.

**6.4 Reference to other sections**

See Also Section 8, 13.

**7. SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Unlikely to cause harmful effects under normal conditions of handling and use. Wash thoroughly with soap and water after handling.

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

Store in a tightly closed container.  
 Storage temperature                      Ambient (<50°C).  
 Storage life                                      Stable under normal conditions.  
 Incompatible materials                      Strongly acidic. Strongly alkaline.

**7.3 Specific end use(s)**

Water-based stationery ink.

**Line Maker****SAFETY DATA SHEET****8. 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
Glycerol	56-81-5		10			
Propane-1,2-diol (total vapour and particulates)	57-55-6	150	474			
Propane-1,2-diol (particulates)	57-55-6		10			

Source UK Workplace Exposure Limits EH40/2005 (Third edition, published 2018)

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

## 8.2.2. Personal protection equipment



Eye Protection Wear protective eye glasses for protection against liquid splashes.



Skin protection Not normally required. Wear suitable gloves if prolonged skin contact is likely.



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.

**Line Maker****SAFETY DATA SHEET****9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	Liquid.
	Colour : Variant.
Odour	Not available.
Odour threshold	Not established.
pH	6-9
Melting point/freezing point	0°C
Initial boiling point and boiling range	100°C
Flash Point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not available.
Density (g/ml)	Not available.
Relative density	1.05 @ 20°C
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature (°C)	Not available.
Viscosity	<20 mPa·s @ 25°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

**9.2 Other information**

None.

**10. SECTION 10: STABILITY AND REACTIVITY****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. Do not freeze.

**10.5 Incompatible materials**

Strongly acidic. Strongly alkaline.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

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**SAFETY DATA SHEET****11. SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Unlikely to cause skin irritation.
Serious eye damage/irritation	Non-irritant.
Skin sensitization data	It is not a skin sensitiser.
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.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Not classified.

**11.2 Other information**

None.

**12. SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

Low toxicity to aquatic organisms.

**12.2 Persistence and Degradation**

Part of the components are biodegradable. The product is unlikely to persist in the environment.

**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.

**13. 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.

**Line Maker****SAFETY DATA SHEET****14. SECTION 14: TRANSPORT INFORMATION**

Not classified as dangerous 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 applicable.

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

Not applicable.

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

Community Rolling Action Plan (CoRAP) Not listed

**National regulations**

Other Not known.

**15.2 Chemical Safety Assessment**

Not applicable.

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**SAFETY DATA SHEET****16. SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16

**LEGEND****Acronyms**

CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical Substances  
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

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