

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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BOBBY DAZZLER SHIELD

Revision 0
Revision date 04-11-15

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

1.1. Product identifier

Product name	Bobby Dazzler Shield
Product code	

1.3. Details of the supplier of the safety data sheet

Company	Fenwick's Limited
Address	Unit C1 Wem Industrial Estate Soulton Road Wem Shropshire SY4 5SD England
Web	www.fenwicks.info
Telephone	+44 (0)1939 234622
Fax	+44 (0)1939 393325
Email	info@fenwicks.info

1.4. Emergency Telephone Number

Emergency Tel Number	07766 706294
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification – EC 1272/2008	Eye Irrit 2: H319
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit 2: H319 - Causes serious eye irritation
Precautionary Statement Prevention	P102 – Keep out of reach of children P264 – Wash thoroughly after handling P280 – Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statement Response	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

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	F; R11 Xi; R36 R67

EC 1272/2008

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Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3:H336;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye Contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin Contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	Considered to be not hazardous by inhalation. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. May cause irritation to mucous membranes. No known adverse health effects.
Eye Contact	Avoid contact with eyes. May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes.
Skin Contact	Irritant. Prolonged or repeated exposure may cause defatting of skin. Wash with water.
Ingestion	If swallowed, DO NOT INDUCE VOMITING. Seek medical attention immediately and show the product or label. Rinse mouth thoroughly.

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

Inhalation	Remove the affected person from the source of contamination immediately
Eye Contact	Rinse immediately with plenty of water for 15 minutes.
Skin Contact	Wash with water.
Ingestion	If swallowed, DO NOT INDUCE VOMITING. Seek medical attention immediately and show the product or label. Rinse mouth thoroughly.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions

5.2. Special hazards arising from the substance or mixture

No Significant Hazard.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wash with Water. Avoid contact with eyes..

6.2. Environmental precautions

Clean spillage area thoroughly with plenty of water.

6.3. Methods and material for containment and cleaning up

For small quantities: Flush down the drain with plenty of water.
For large spills : Absorb with inert absorbent material. Dispose of in compliance with all local and national regulations.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Avoid contact with eyes. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Do not mix with any other product.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

Protective Equipment



Hand Protection	PVC gloves
Eye Protection	Wear approved safety goggles

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Body Protection	Normal work wear
Respiratory Protection	Not normally required

8.1. Control Parameters

8.1.1 Exposure Limit Values

Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250
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8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear: Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Colour	Off white
Odour	Aromatic
pH	10.5 - 11.5
Description	Liquid
Relative Density	0.93 – 0.98
Solubility	Miscible in water

SECTION 10: Stability and reactivity

10.1. Reactivity

	Do NOT mix with any other product. Do not allow to freeze
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10.2. Chemical stability

	Stable under normal conditions.
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10.4. Conditions to avoid

	Do NOT allow to freeze. Protect from frost
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10.5. Incompatible materials

	Do NOT mix with any other product.
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10.6. Hazardous decomposition products

	Will not decompose if stored and used as recommended.
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BOBBY DAZZLER SHIELDRevision 0
Revision date 04-11-15**SECTION 11: Toxicological information****11.1.4. Toxicological Information**

Isopropanol (Propan-2-ol)	Inhalation Rat LC50/4 h: 47-73mg/l Dermal Rabbit LD50: >12800mg/kg	Oral Rat LD50: 4700-5500mg/kg
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SECTION 12: Ecological information**12.1. Toxicity**

Isopropanol (Propan-2-ol)	Fathead minnows LC50/96h:9600mg/l
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SECTION 13: Disposal considerations**General Information**

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Flush down the drain with plenty of water. The product is classified as non-hazardous.
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Disposal of packaging

	Can be recycled if in compliance with, local and national regulations.
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SECTION 14: Transport information**14.6 Special precautions for user**

	No precautions required to be mentioned.
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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	Not normally required.
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Further Information

	The product is not classified as dangerous for carriage
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC. 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), establishing a European Chemicals
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	Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
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Further Information

	Not applicable
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SECTION 16: Other information**Other Information**

Text of risk phrases in Section 3	R11- Highly flammable R36 - Irritating to eyes. R67- Vapours may cause drowsiness and dizziness
Text of Hazard Statements in Section 3	Eye Irrit 2: H319 - Causes serious eye irritation

Further Information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
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Legal Disclaimer

	The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
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