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SAFETY DATA SHEET

according to Regulation (EU) 2015/830

K1055 BARRIER CREAM

Revision 0

Revision date 2016-07-14

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

1.1. Product identifier

Product name	K1055 BARRIER CREAM
REACH	ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.3. Details of the supplier of the safety data sheet

Company	Assured Solutions Ltd
Address	Unit H Westminster Industrial Estate Measham Derbyshire DE12 7DS
Web	www.chemicalsuppliers.uk.com
Telephone	+44 (0)1530 272922
Fax	+44 (0)1530 272921
Email	sales@assuredsolutionsltd.co.uk
Email address of the competent person	sales@assuredsolutionsltd.co.uk

1.4. Emergency telephone number

Emergency telephone number	01530 272 922
Company	ASSURED SOLUTIONS LTD
	24hrs

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	F+; R12 Symbols: F+: Extremely flammable.
Main hazards	Extremely flammable.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 2: H225;

2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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2.2. Label elements

Precautionary Statement: Response	P370+P378 - In case of fire: Use suiutable media to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to requirements of local authorities
SUPPLEMENTAL HAZARD INFORMATION	Keep away from sources of ignition - No smoking. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Pressurised container: May burst if heated. Pressurized container: Do not pierce or burn, even after use.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					70 - 80%		
2-Phenoxyethanol	603-098-00-9	122-99-6	204-589-7		0 - 0.5%	Xn; R22 Xi; R36	
Propane	601-003-00-5	74-98-6	200-827-9		1 - 10%	F+; R12	
Butane	601-004-00-0	106-97-8	203-448-7		1 - 10%	F+; R12	
Isobutane	601-004-00-0	75-28-5	200-857-2		1 - 10%	F+; R12	
PROPYL 4- HYDROXYBENZOATE		94-13-3			0 - 0.5%		
METHOX 4-HYDROXYBENZOATE		99-76-3			0 - 0.5%		
2-Bromo-2-nitropropane-1,3-diol	603-085-00-8	52-51-7	200-143-0		0 - 0.5%	Xn; R21/22 Xi; R37/38-41 N; R50	M=10
Potassium Stearate		593-29-3	209-786-1		1 - 10%		
WHITE OIL LIGHT BP		8042-47-5			0.5 - 1%		
CARBOPOL					0 - 0.5%		
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	0 - 0.5%		
PEG 75/50 LANOLIN		61790-81-6			0 - 0.5%		
PERFUME					0 - 0.5%		
DYE					0 - 0.5%		
HEXYL CINNAMAL		101-86-0			0 - 0.5%		
Dipentene	601-029-00-7	138-86-3	205-341-0		0 - 0.5%	R10 Xi; R38 R43 N; R50/53	
CITRONELLOL		106-22-9			0 - 0.5%		
GERANIOL		106-24-1			0 - 0.5%		
LINALOOL		78-70-6			0 - 0.5%		
COUMARIN		91-64-5			0 - 0.5%		

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3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					70 - 80%		
2-Phenoxyethanol	603-098-00-9	122-99-6	204-589-7		0 - 0.5%	Acute Tox. 4: H302; Eye Irrit. 2: H319;	
Propane	601-003-00-5	74-98-6	200-827-9		1 - 10%	Flam. Gas 1: H220;	
Butane	601-004-00-0	106-97-8	203-448-7		1 - 10%	Flam. Gas 1: H220;	
Isobutane	601-004-00-0	75-28-5	200-857-2		1 - 10%	Flam. Gas 1: H220;	
PROPYL 4- HYDROXYBENZOATE		94-13-3			0 - 0.5%		
METHOX 4-HYDROXYBENZOATE		99-76-3			0 - 0.5%		
2-Bromo-2-nitropropane-1,3-diol	603-085-00-8	52-51-7	200-143-0		0 - 0.5%	Acute Tox. 4: H312; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400;	M=10
Potassium Stearate		593-29-3	209-786-1		1 - 10%		
WHITE OIL LIGHT BP		8042-47-5			0.5 - 1%		
CARBOPOL					0 - 0.5%		
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	0 - 0.5%		
PEG 75/50 LANOLIN		61790-81-6			0 - 0.5%		
PERFUME					0 - 0.5%		
DYE					0 - 0.5%		
HEXYL CINNAMAL		101-86-0			0 - 0.5%		
Dipentene	601-029-00-7	138-86-3	205-341-0		0 - 0.5%	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
CITRONELLOL		106-22-9			0 - 0.5%		
GERANIOL		106-24-1			0 - 0.5%		
LINALOOL		78-70-6			0 - 0.5%		
COUMARIN		91-64-5			0 - 0.5%		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system. Move the exposed person to fresh air. Seek medical attention.
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	No irritation expected. No Significant Hazard.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO_2). Alcohol resistant foam.

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5.2. Special hazards arising from the substance or mixture

Vapour may travel considerable distance to source of ignition and flash back.

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

Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Adopt best Manual Handling considerations when handling, carrying and dispensing.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Keep away from sources of ignition - No smoking.

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

8.1. Control parameters

8.1.1. Exposure Limit Values

Butane	**WEL 8-hr limit ppm:** 600	**WEL 8-hr limit mg/m3:** 1450
	WEL 15 min limit ppm: 750	**WEL 15 min limit mg/m3:** 1810
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -
Isobutane	**WEL 8-hr limit ppm:** 800	**WEL 8-hr limit mg/m3:**
	WEL 15 min limit ppm: 800	**WEL 15 min limit mg/m3:**
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -
PROPYLENE GLYCOL (Propane-1,2-diol particulates)	**WEL 8-hr limit ppm:** -	**WEL 8-hr limit mg/m3:** 10
	WEL 15 min limit ppm: -	**WEL 15 min limit mg/m3:** -
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -
PROPYLENE GLYCOL (Propane-1,2-diol total vapour and particulates)	**WEL 8-hr limit ppm:** 150	**WEL 8-hr limit mg/m3:** 474
	WEL 15 min limit ppm: -	**WEL 15 min limit mg/m3:** -
	WEL 8-hr limit mg/m3 total inhalable dust: -	**WEL 15 min limit mg/m3 total inhalable dust:** -
	WEL 8-hr limit mg/m3 total respirable dust: -	**WEL 15 min limit mg/m3 total respirable dust:** -

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DNEL: Derived no-effect level.

	No data is available on this product.

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	No safety clothing required.
Eye / face protection	Approved safety goggles.
Skin protection - Handprotection	Not normally required.
Respiratory protection	Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol
Colour	Various
Odour	Pleasant
pH	6 - 8
Flash point	< -5
Solubility	Soluble in water

9.2. Other information

VOC (Volatile organic compounds)	< 15

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.

10.3. Possibility of hazardous reactions

	Oxidising agents.

10.4. Conditions to avoid

	Heat, sparks and open flames.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.

SECTION 12: Ecological information

12.2. Persistence and degradability

	DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE.

12.3. Bioaccumulative potential

	No data is available on this product.

SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.

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SECTION 14: Transport information

Hazard pictograms



14.1. UN number

	UN1950

14.2. UN proper shipping name

	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID	2
Subsidiary risk	see SP63
IMDG	2
Subsidiary risk	see SP63
IATA	2
Subsidiary risk	see SP63

14.4. Packing group

Packing group	-

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	-
Tunnel Category	(D)

IMDG

EmS Code	F-D S-U

IATA

Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg

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, Evaluation, 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/EC 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 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

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
	2000/21/EC.

15.2. Chemical safety assessment	
	No chemical Safety assessment has been carried out by the supplier.

Further information	
	Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.

SECTION 16: Other information

Other information	
Text of risk phrases in Section 3	R10 - Flammable R12 - Extremely flammable. R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R36 - Irritating to eyes. R37/38 - Irritating to respiratory system and skin. R38 - Irritating to skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R50 - Very toxic to aquatic organisms. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2: H319 - Causes serious eye irritation. Flam. Gas 1: H220 - Extremely flammable gas. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. STOT SE 3: H335 - May cause respiratory irritation. Aquatic Acute 1: H400 - Very toxic to aquatic life. Flam. Liq. 3: H226 - Flammable liquid and vapour. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Maximum content of VOC	15.

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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