

# Buckleberry Limited

screen print supply company

... the complete solution for screen printers

## SAFETY DATA SHEET BI-SOLVE Screenwash

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

#### 1.1. Product identifier

Product name BI-SOLVE Screenwash

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

Identified uses As a wash-off solvent in printing processes.

Uses advised against No specific uses advised against are identified.

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

Supplier Buckleberry Ltd.,  
Buckleberry House,  
9, Hales Road, Lower Wortley,  
Leeds, West Yorkshire,  
LS12 4PL  
0113 279 7779 (08:00-16:30)  
0113 279 7770  
sales@buckleberry.co.uk

#### 1.4. Emergency telephone number

Emergency telephone Buckleberry Ltd 0113 279 7779 (08:00-16:30)

National emergency telephone number 999 / 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Physical hazards	Flam. Liq. 3 - H226
Health hazards	Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn; R20. Xi; R41, R38. R10

Human health In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death. Gas or vapour is harmful on prolonged exposure or in high concentrations. Organic solvents may be absorbed into the body by inhalation and ingestion. May cause serious eye damage. Causes skin irritation.

Physicochemical Heating may generate flammable vapours. Vapours may form explosive mixtures with air.

#### 2.2. Label elements

## BI-SOLVE Screenwash

### Pictogram



### Signal word

Danger

### Hazard statements

H226 Flammable liquid and vapour.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H332 Harmful if inhaled.

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 Avoid breathing vapour/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/doctor.  
 P501 Dispose of contents/container in accordance with national regulations.

### Contains

CYCLOHEXANONE, 2-BUTOXYETHANOL, Alcohol Ethoxylate with 6.5 MEO

### Detergent labelling

< 5% non-ionic surfactants

### Supplementary precautionary statements

P233 Keep container tightly closed.  
 P240 Ground/bond container and receiving equipment.  
 P241 Use explosion-proof electrical equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P264 Wash contaminated skin thoroughly after handling.  
 P271 Use only outdoors or in a well-ventilated area.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P321 Specific treatment (see medical advice on this label).  
 P332+P313 If skin irritation occurs: Get medical advice/attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
 P403+P235 Store in a well-ventilated place. Keep cool.

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>CYCLOHEXANONE</b>	<b>30-60%</b>
CAS number: 108-94-1	EC number: 203-631-1
	REACH registration number: 01-2119453616-35-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn; R20. R10
Acute Tox. 4 - H332	

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<b>2-BUTOXYETHANOL</b>		<b>10-30%</b>
CAS number: 111-76-2	EC number: 203-905-0	REACH registration number: 01-2119475108-36-XXXX
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Xn; R20/21/22. Xi; R36/38	
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
<b>2-methoxy-1-methylethyl acetate</b>		<b>10-30%</b>
CAS number: 108-65-6	EC number: 203-603-9	REACH registration number: 01-2119475791-29-XXXX
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	R10	
<b>4-hydroxy-4-methylpentan-2-one</b>		<b>10-30%</b>
CAS number: 123-42-2	EC number: 204-626-7	REACH registration number: 01-2119473975-21-XXXX
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xi; R36/37. R10	
Eye Irrit. 2 - H319		
STOT SE 3 - H335		
<b>Alcohol Ethoxylate with 6.5 MEO</b>		<b>1-5%</b>
CAS number: 68439-46-3		
<b>Classification</b>		<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Xn; R22. Xi; R41	
Eye Dam. 1 - H318		

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Keep affected person warm and at rest. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention immediately. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration.
<b>Ingestion</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
<b>Skin contact</b>	Remove affected person from source of contamination. Take off immediately all contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

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**Eye contact** Remove any contact lenses and open eyelids wide apart. Wash with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

**Inhalation** Harmful by inhalation. Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death.

**Ingestion** Diarrhoea. May cause nausea, headache, dizziness and intoxication.

**Skin contact** This product is rapidly absorbed through the skin and may cause symptoms similar to those of ingestion. Irritating to skin.

**Eye contact** Causes serious eye damage.

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

**Notes for the doctor** No specific recommendations. Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam. Dry chemicals, sand, dolomite etc.

**Unsuitable extinguishing media** Do not use water, if avoidable.

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

**Specific hazards** The product is flammable. Heating may generate flammable vapours. No unusual fire or explosion hazards noted.

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Evacuate area. Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid contact with skin or inhalation of spillage, dust or vapour. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Avoid spilling. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate ventilation. Use approved respirator if air contamination is above an acceptable level. Contaminated rags and cloths must be put in fireproof containers for disposal. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

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

**Storage precautions** Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Storage class** Flammable liquid storage.

#### 7.3. Specific end use(s)

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

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### CYCLOHEXANONE

Long-term exposure limit (8-hour TWA): WEL 10 ppm 41 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 20 ppm 82 mg/m<sup>3</sup>

Sk

##### 2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m<sup>3</sup>

Sk

##### 2-methoxy-1-methylethyl acetate

Long-term exposure limit (8-hour TWA): WEL 50 ppm 274 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 548 mg/m<sup>3</sup>

Sk

##### 4-hydroxy-4-methylpentan-2-one

Long-term exposure limit (8-hour TWA): WEL 50 ppm 241 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 75 ppm 362 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

#### 2-BUTOXYETHANOL (CAS: 111-76-2)

##### DNEL

Industry - Dermal; Long term systemic effects: 75 mg/kg/day

Industry - Inhalation; Long term systemic effects: 20 ppm

Industry - Dermal; Short term systemic effects: 89 mg/kg/day

Industry - Inhalation; Short term systemic effects: 135 ppm

Industry - Inhalation; Short term local effects: 50 ppm

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<b>PNEC</b>	- Fresh water; 8.8 mg/l
	- Marine water; 0.88 mg/l
	- STP; 463 mg/l
	- Sediment (Freshwater); 34.6 mg/kg
	- Sediment (Marinewater); 3.46 mg/kg
	- Soil; 2.8 mg/kg

### 2-methoxy-1-methylethyl acetate (CAS: 108-65-6)

<b>DNEL</b>	Industry - Inhalation; Long term systemic effects: 275 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 54.8 mg/kg/day
	Industry - Dermal; Long term systemic effects: 153.5 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 33 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 1.67 mg/kg/day

<b>PNEC</b>	- Marine water; 0.0635 mg/l
	- STP; 100 mg/l
	- Fresh water; 0.635 mg/l
	- Intermittent release; 6.35 mg/l
	- Sediment (Freshwater); 3.29 mg/kg
	- Soil; 0.29 mg/kg
	- Sediment (Marinewater); 0.329 mg/kg

### 4-hydroxy-4-methylpentan-2-one (CAS: 123-42-2)

<b>DNEL</b>	Workers - Inhalation; Short term local effects: 240 mg/m <sup>3</sup>
	Workers - Inhalation; Long term systemic effects: 66.4 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 9.4 mg/kg/day

<b>PNEC</b>	- Fresh water; 2 mg/l
	- Marine water; 0.2 mg/l
	- Intermittent release; 1 mg/l
	- STP; 82 mg/l
	- Sediment (Freshwater); 9.06 mg/kg/day
	- Sediment (Marinewater); 0.91 mg/kg/day
	- Soil; 0.63 mg/kg/day

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Use explosion-proof electrical, ventilating and lighting equipment.

### Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Frequent changes are recommended.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

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<b>Hygiene measures</b>	Ensure an eye bath is located nearby. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. Do not smoke in work area. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Straw.
<b>Odour</b>	Ketonic. Glycol ether.
<b>Odour threshold</b>	No information available.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	145 - 175°C @ 760 mm Hg
<b>Flash point</b>	>42°C CC (Closed cup).
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 1.1 g/100 g Upper flammable/explosive limit: 10.6 g/100 g
<b>Vapour pressure</b>	>0.01 kPa @ 20°C
<b>Vapour density</b>	>1
<b>Relative density</b>	~ 0.94 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Forms an emulsion with water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	>230°C
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not applicable.
<b>Oxidising properties</b>	Not applicable.
<b>Comments</b>	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

<b>Volatile organic compound</b>	This product contains a maximum VOC content of 911 g/litre.
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### SECTION 10: Stability and reactivity

## BI-SOLVE Screenwash

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Will not polymerise.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong reducing agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 4,052.62

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 4,594.82

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Harmful by inhalation.

**ATE inhalation (gases ppm)** 6,298.99

**ATE inhalation (vapours mg/l)** 15.4

**ATE inhalation (dusts/mists mg/l)** 2.1

#### Skin corrosion/irritation

**Animal data** Irritating.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

#### 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** Does not contain any substances known to be mutagenic.

#### Carcinogenicity



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<b>Carcinogenicity</b>	Does not contain any substances known to be carcinogenic.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>Inhalation</b>	Harmful by inhalation. The product contains organic solvents. Overexposure may depress the central nervous system, causing dizziness and intoxication. May cause respiratory system irritation.
<b>Ingestion</b>	May cause discomfort if swallowed. May cause nausea, headache, dizziness and intoxication.
<b>Skin contact</b>	Contains components which may penetrate the skin. Repeated exposure may cause skin dryness or cracking. Irritating to skin.
<b>Eye contact</b>	May cause serious eye damage.
<b>Route of entry</b>	Inhalation Skin absorption Ingestion. Skin and/or eye contact
<b>Target organs</b>	Central nervous system Brain Eyes Respiratory system, lungs Skin
<b>Medical symptoms</b>	Headache. Fatigue. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Unconsciousness, possibly death. Diarrhoea. Dryness and/or cracking. Irritation of eyes and mucous membranes. Irritation of nose, throat and airway. Skin irritation. May cause blurred vision and serious eye damage.

### SECTION 12: Ecological Information

**Ecotoxicity** The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### **12.1. Toxicity**

**Acute toxicity - fish** Not known.

**Acute toxicity - aquatic invertebrates** Not known.

Acute toxicity - aquatic plants Not known.

#### **12.2. Persistence and degradability**

**Persistence and degradability** The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer. The product is readily biodegradable.

#### **12.3. Bioaccumulative potential**

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** No information available.

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### 12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is miscible with water and may spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids. When handling waste, the safety precautions applying to handling of the product should be considered.

## SECTION 14: Transport information

### 14.1. UN number

<b>UN No. (ADR/RID)</b>	1210
<b>UN No. (IMDG)</b>	1210
<b>UN No. (ICAO)</b>	1210
<b>UN No. (ADN)</b>	1210

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** PRINTING INK RELATED MATERIAL

**Proper shipping name (IMDG)** PRINTING INK RELATED MATERIAL

**Proper shipping name (ICAO)** PRINTING INK RELATED MATERIAL

**Proper shipping name (ADN)** PRINTING INK RELATED MATERIAL

### 14.3. Transport hazard class(es)

<b>ADR/RID class</b>	3
<b>ADR/RID classification code</b>	F1
<b>ADR/RID label</b>	3
<b>IMDG class</b>	3
<b>ICAO class/division</b>	3
<b>ADN class</b>	3

### Transport labels



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### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)
Limited Quantity Value (Road):	5 Litres
Limited Quantity Value (Sea):	5 Litres

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not Known

## SECTION 15: Regulatory information

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

<b>EU legislation</b>	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) (as amended). 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 (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Key literature references and sources for data** Material Safety Data Sheet, Misc. manufacturers.

**Classification procedures according to Regulation (EC) 1272/2008** : Calculation method., On basis of test data.

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

## BI-SOLVE Screenwash

<b>Issued by</b>	J Waterfield
<b>Revision date</b>	21/09/2015
<b>Revision</b>	5.0
<b>Supersedes date</b>	04/02/2009
<b>SDS number</b>	21650
<b>Risk phrases in full</b>	R10 Flammable. R20 Harmful by inhalation. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R22 Harmful if swallowed. R36/37 Irritating to eyes and respiratory system. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes.
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.