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

1.1. Product identifier
Product Name Screenwash. Ref SHXB

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Vehicle Screenwash

1.3. Details of the supplier of the safety data sheet
Supplier: Silverhook Ltd
Bates Road
Harold Wood
London RM3 0JH
England
+44(0)1708330500
+44(0)1708330504
Contact: 333@silverhook.co.uk

1.4. Emergency telephone number
During office hours (8am – 4pm) +44(0)1708340333

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
Physical and Chemical Hazards Not classified.
Human health Not classified.
Environment Not classified.


2.2. Label elements
Label In Accordance With (Ec) No. 1272/2008
Not classified under CLP- Regulation

Signal Word
Hazard Statements
Precautionary Statements
Supplementary Precautionary Statements
Not applicable
Not applicable
Not applicable
Not applicable
### Section 3: Composition/Information on Ingredients

#### 3.2. Mixtures

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS-No.:</th>
<th>EC No.:</th>
<th>Registration Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>01-2119457610-43-xxxx</td>
</tr>
<tr>
<td>Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)-β-alaninate</td>
<td>94441-92-6</td>
<td>305-318-6</td>
<td></td>
</tr>
<tr>
<td>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</td>
<td>68891-38-3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Classification (EC 1272/2008)**
- Flam. Liq. 2 - H225
- Eye Irrit. 2 - H319
- Skin Irrit. 2, H315
- Eye Dam. 1, H318
- Skin Irrit. 2, H315
- Eye Dam. 1, H318
- Skin Irrit. 2, H315
- Eye Dam. 1, H318

**Classification (67/548/EEC)**
- F; R11.
- Xi; R38.
- Xi; R38.

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

**REACH Registration Notes**
This material is a mixture. All components have been registered under REACH by the Manufacturer or Supplier.

**Composition Comments**

**Preparation**

### Section 4: First Aid Measures

#### 4.1. Description of first aid measures

**General Information**
Remove affected person from source of contamination. General first aid; rest, warmth and fresh air.

**Inhalation**
Remove victim immediately from source of exposure. Place unconscious person on the side in the recovery position and ensure breathing. Keep the affected person warm and at rest. Get prompt medical attention.

**Ingestion**
DO NOT INDUCE VOMITING! When risk of unconsciousness, place and transport the victim in secured side position. Get medical attention if any discomfort continues. Never give liquid to an unconscious person.

**Skin Contact**
Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

**Eye Contact**
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.
Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General Information
Follow advice given in section 4.1

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Extinguishing Media
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable Extinguishing Media
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture
Unusual Fire & Explosion Hazards
Vapours are heavier than air and may spread near ground to sources of ignition.
Gas / vapour flammable with air within explosion limits
Specific Hazards
Heating may generate vapours which may form explosive vapour/air mixtures.

5.3. Advice for fire-fighters
Special Fire Fighting Procedures
Avoid breathing fire vapours.
Use water to keep fire exposed containers cool and disperse vapours.
Keep run-off water out of sewers and water sources. Dike for water control.
Protective Measures In Fire
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions
Protect drains by covering to avoid any spillage entering the drainage system.
Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
Contain spillage

6.3. Methods and material for containment and cleaning up
Stop leak if possible without risk.
Absorb in vermiculite, dry sand or earth and place into containers.
Flush with plenty of water to clean spillage area.
Do not contaminate water sources or sewer.

6.4. Reference to other sections
For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Avoid spilling, skin and eye contact.
Use explosion proof electric equipment.
Static electricity and formation of sparks must be prevented.

7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a dry, cool and well-ventilated place.
Keep in original container.
Keep out of direct sunlight
Storage Class
None.
7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>WEL</td>
<td>1000 ppm</td>
<td>1920 mg/m³</td>
<td>No std.</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

Ingredient Comments
WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective Equipment

Engineering Measures
Provide adequate general and local exhaust ventilation.

Respiratory Equipment
If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection
The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye Protection
Wear approved safety goggles.

Other Protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures
Wash at the end of each work shift and before eating, smoking and using the toilet.
Wash promptly with soap & water if skin becomes contaminated.

DO NOT SMOKE IN WORK AREA!

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance | Liquid
Colour     | Blue / Clear
Odour      | Odour of alcohol
Solubility | Soluble in: Water Acetone Ethanol.
Relative Density | 0.95 @ 20 °C
Bulk Density | 950 kg/m³
Vapour Density (Air=1) | >1
Vapour Pressure | >20 20
pH-Value, Conc. Solution | 7
Flash Point (°C) | 60.5 CC (Closed cup).

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reaction with acids, aldehydes, Iso cyanates. Strong oxidising agents.

10.2. Chemical stability
Stable under normal temperature conditions.
Screenwash SHXB

10.3. Possibility of hazardous reactions
Not determined.

10.4. Conditions to avoid
Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials
Materials To Avoid
Oxidising agents Acids

10.6. Hazardous decomposition products
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Toxicological Information
No data available
General Information
No specific health warnings noted.
Inhalation
Exposure to high concentrations may cause irritation of the respiratory tract, dry/sore throat, coughing, and irritation of the nasal mucous membranes, CNS depression, dizziness, narcosis, headache or respiratory difficulties.
Ingestion.
Harmful if swallowed.
Skin Contact
Slightly irritating.
Eye Contact
May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity:
There are no data on the eco-toxicity of this product.

12.1. Toxicity
LC 50, 96 Hrs, Fish mg/L 12900-15300 (Ethanol)

12.2. Persistence and degradability
There is no data on the persistence or degradability of this product.

12.3. Bio-accumulative potential
No data available on the bio-accumulative potential of this product.

12.4. Mobility in soil
Mobility: The product is soluble in water.

12.5. Results of PBT and vPvB assessment
Not classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects
None

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
This material must be disposed of via an Authorised Waste/Disposal Company in accordance with Local and or National Waste Disposal Regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number
Not classified under sense of this regulation

14.2 UN Proper shipping name
Not classified under sense of this regulation
14.3 Transport hazard class(es)
Not classified under the sense of this regulation

14.4. Packing group
Not classified under the sense of this regulation

14.5. Environmental hazards
Not classified under the sense of this regulation,

14.6. Special precautions for user
Not classified under the sense of this regulation

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

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments
Control of Substances Hazardous to Health.
Guidance Notes
Workplace Exposure Limits EH40.

EU Legislation
Dangerous Substance Directive 67/548/EEC
Regulation (EC) No 1272/2008 CLP
Regulation (EC) No 1907/2006 REACH

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Information Sources

Revision Comments
Classification in line with CLP

Issued By Technical Team
Revision Date 07/02/2014
Revision 2
SDS No. SHXB
Safety Data Sheet Status Approved

Date 24/06/08

Risk Phrases In Full
R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.

Hazard Statements In Full
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

Disclaimer
The information in this document has been compiled on the basis of the best available knowledge in accordance with the legislative requirements. It does not imply that the information is complete or accurate in all cases. It is the user's responsibility to satisfy themselves as to the application of the information and/or the recommendations given for their own use.