



SAFETY DATA SHEET

Screenwash

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

1.1. Product identifier

Product Name: Screenwash.

ref: SHX

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

Silverhook Ltd
Unit 14 Bates Road
Harold Wood, London, England
RM3 0JH
Tel.: +44 (0) 1708330500
Fax. +44 (0) 1708330504
Email: 522@silverhook.co.uk
Responsible person email: 522@silverhook.co.uk

1.4. Emergency telephone number

+44 (0) 1708330500 (during office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008) Physical and Chemical Hazard Flammable Liquid 3 : H226.

Classification (1999/45/EEC) R10

2.2. Label elements

Label In Accordance With (Ec) No. 1272/2008

Signal Word

Warning

Hazard Statements

H226: Flammable liquid and vapour

Hazard Pictogram

GHS02: Flame



Precautionary Statements

P102: Keep out of reach of children

P210: Keep away from heat/parks/open flames/hot surfaces. – No smoking

P301+310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor.

Supplementary Precautionary Statements

Not applicable

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2.3. Other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

| | |
|--|-----------------------------|
| Ethanol | 20-30% |
| CAS-No.: 64-17-5 | EC No.: 200-578-6 |
| Registration Number: 01-2119457610-43-xxxx | |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |
| Flam. Liq. 2 - H225 | F;R11. |
| Eye Irrit. 2 - H319 | |

| | |
|--|-----------------------------|
| Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)- β -alaninate | 0.4-2.0% |
| CAS-No.: 94441-92-6 | EC No.: 305-318-6 |
| Registration Number: | |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |
| Skin Irrit. 2, H315 | Xi;R38. |
| Eye Dam. 1, H318 | |

| | |
|--|-----------------------------|
| Alcohols,C12-14,ethoxylated,sulfates, sodium salts | 0.4-0.8% |
| CAS-No.: 68891-38-3 | EC No.: |
| Registration Number: | |
| Classification (EC 1272/2008) | Classification (67/548/EEC) |
| Skin Irrit. 2 - H315 | Xi ;R38-41 |
| Eye Dam. 1 - H318 | |

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.

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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.

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7.3. Specific end use(s)**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

| Name | STD | TWA - 8 Hrs | STEL - 15 Min | Notes |
|---------|-----|-------------|------------------------|---------|
| Ethanol | WEL | 1000 ppm | 1920 mg/m ³ | No std. |

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 | Clear, Normally coloured blue or green. |
| Odour | Odour of alcohol |
| Solubility | Soluble in: Water Acetone Ethanol. |
| Relative Density | 0.95 @ 20°C |
| Bulk Density | 950 kg/m ³ |
| Vapour Density (Air=1) | >1 |
| Vapour Pressure | >20 20 |
| pH-Value, Conc. Solution | 7 |
| Flash Point (°C) | 29°C 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.

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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.

Ingestion.

There may be some irritation to the throat.

Skin Contact

Slightly irritating.

Eye Contact

May cause temporary eye irritation and redness.

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

UN1987

14.2 UN Proper shipping name

Alcohols N.O.S. (Ethanol Mixture)

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14.3 Transport hazard class

Class 3

14.4. Packing group

III

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 Tunnel Code: D/E

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

Health and Safety at Work Act 1974.

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**

Fire and Related Properties of Industrial Chemicals, Fire Protection Association.

Revision Comments

Classification in line with CLP

Issued By Technical Team

Revision Date 24/06/2018

Revision 2

SDS No. SHX

Safety Data Sheet Status Approved

Date 24/06/18

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 contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.