

SAFETY DATA SHEET

SCREENWASH RTU

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

1.1 Product Identifier

SCREENWASH RTU

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

Washer bottle additive, cleaning and freeze protection.

1.3 Details of the supplier of the data sheet

Travik Chemicals (UK) Limited

Grindon Way

Aycliffe Industrial Park

Newton Aycliffe

County Durham

DL5 6SH

United Kingdom

info@travik.co.uk

www.travik.co.uk

Tel: 01325 307000

Fax: 01325 307070

1.4 Emergency telephone number

Nearest anti-poison centre or Guy's Hospital Poisons Unit, LONDON SE14 SER. (00 44)(1 71) 6 35 91 91

During normal opening times: 01325 307000 (08.30 - 16.30)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

- This mixture does not present a physical hazard.

2.2 Label Elements

In compliance with EC regulation No. 1272/2008 and its amendments.

- No pictogram required

Detergent Labelling:

- <1% anionic Surfactants.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:

Component	CAS	EINECS	CLP CLASS.	%
Ethanol	64-17-5	200-578-6	Flam. Liq. 2: H225. Eye Irrit. 2: H319. STOT SE 3: H336.	<10%
Methanol	67-56-1	200-659-6	Flam. Liq. 2: H225. Acute Tox. 3: H301. Acute Tox. 3: H311. STOT SE 1: H370.	<0.5%
Alcohols, C12-14, ethoxylated (1-2.5), sulphated, sodium salts	68891-38-3	500-234-8	Skin Irrit. 2: H315. Eye Irrit. 2: H319.	<5%
2-Butoxy Ethanol	111-76-2	203-905-0	Acute Tox. 4: H302. Acute Tox. 4: H312. Acute Tox. 4: H332. Skin Irrit. 2: H315. Eye Irrit. 2: H319	<5%

See Section 16 for the full text of the H statements declared above.

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SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Notes to the physician:

- No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

In the event of exposure by inhalation:

- Get medical attention if any discomfort continues.

In the event of splashes or contact with eyes:

- 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.

In the event of splashes or contact with skin:

- Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

In the event of swallowing:

- Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

- No Data Available.

4.3 indication of any immediate medical attention and special treatment needed

- No Data Available.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

- This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2 Special hazards arising from the substance or mixture

- Aqueous liquid: does not show any particular risk in case of fire.

5.3 Advice for firefighters

- No specific fire fighting procedure given.
- Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Consult the safety measures listed under headings 7 and 8.

6.2. Environmental precautions

- Do not discharge onto the ground or into water courses.

6.3. Methods and material for containment and cleaning up

- Absorb into dry earth or sand. Transfer to a suitable container. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

- No data available.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

- Always wash hands after handling.
- Remove and wash contaminated clothing before re-using.

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Fire prevention:

- Handle in well-ventilated areas.
- Prevent access by unauthorised personnel.

Recommended equipment and procedures:

- For personal protection, see section 8.
- Observe precautions stated on label and also industrial safety regulations
- Avoid skin and eye contact with this mixture.

Prohibited equipment and procedures:

- No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Storage

- Keep the container tightly closed in a dry, well-ventilated place

Packaging

- Always keep in packaging made of an identical material to the original

7.3. Specific end use(s)

- No data available.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits: No data Available

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing with elasticated cuffs and closed neck

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

Component	List	Type	Value
Ethanol	UK WEL	TWA	1000mg/m3
Methanol	UK WEL	STEL	333mg/m3
Methanol	UK WEL	TWA	266mg/m3
2-Butoxy Ethanol	EK WEL	STEL	50ppm
2-Butoxy Ethanol	EK WEL	TWA	25ppm

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Rubber gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing with elasticated cuffs and closed neck

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state:	Liquid
Colour	Clear, colourless.
Odour	Alcohol.
pH of the substance or preparation:	Approx. 9.00
Flash point interval:	63 Deg C
Vapour pressure:	not determined
Relative Density:	0.99
Water solubility:	Miscible in all proportions

9.2. Other information

- No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

- No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

- This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

- Exothermic reaction with strong acids. Incompatible with oxidizing agents.

10.4. Conditions to avoid

- Heat, flames or sparks.
- 10. 5. Incompatible materials**
- Keep away from: Strong oxidising agents, strong acids.

10.6. Hazardous decomposition products

- Under fire conditions: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Mixture:

- No toxicological data available for the mixture.

Component Toxicology:

Component	Test	Type	Value
Ethanol	Acute Oral Toxicity	LD50, Rat-Male, Female	1470mg/kg
Ethanol	Skin Absorption	LD50, Rabbit	17100mg/kg
Ethanol	Inhalation	LC50, 4 h, Vapours, Rat	124.7mg/kg
Methanol	Acute Oral Toxicity	LD50, Rat-Male, Female	1187 - 2769mg/kg
Methanol	Skin Absorption	LD50, Rabbit	17100mg/kg
Methanol	Inhalation	LC50, 4 h, Vapours, Rat	128.2mg/kg
Alcohols, C12-14, ethoxylated (1-2.5), sulphated, sodium salts	Acute Oral Toxicity	LD50, Rat-Male, Female	>2,500mg/kg
Alcohols, C12-14, ethoxylated (1-2.5), sulphated, sodium salts	Skin Absorption	LD50, Rat-Male, Female	>2,000mg/kg
2-Butoxy Ethanol	Acute Oral Toxicity	LD50, Rat-Male, Female	1,300mg/kg
2-Butoxy Ethanol	Skin Absorption	LD50, Rat-Male, Female	>2,000mg/kg
2-Butoxy Ethanol	Inhalation	LD50, 4 h, Vapours, Rat	>450mg/kg

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SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Component Ecotoxicology:

Component	Test	Type	Value
Ethanol	Fish	96H LC50	13000mg/l
Ethanol	Daphnia	48H EC50	12340mg/l
Ethanol	Algae	72H EC50	12900mg/l
Methanol	Fish	96H LC50	15400mg/l
Methanol	Daphnia	48H EC50	>1000mg/l
Methanol	Algae	72H EC50	22000mg/l
Alcohols, C12-14, ethoxylated (1-2.5), sulphated, sodium salts	Fish	96H LC50	7.1mg/l
Alcohols, C12-14, ethoxylated (1-2.5), sulphated, sodium salts	Daphnia	48H EC50	7.2mg/l
Alcohols, C12-14, ethoxylated (1-2.5), sulphated, sodium salts	Algae	72H EC50	2.6mg/l
2-Butoxy Ethanol	Fish	96H LC50	1471mg/l
2-Butoxy Ethanol	Daphnia	48H EC50	1550mg/l
2-Butoxy Ethanol	Algae	72H EC50	911mg/l

12.2. Persistence and degradability

- Ethanol: The product is biodegradable. Oxidises rapidly by photochemical reactions in air.
- Methanol: The product is biodegradable. Oxidises rapidly by photochemical reactions in air.
- The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

- No data available.

12.4. Mobility in soil

- No data available.

12.5. Results of PBT and vPvB assessment

- No data available.

12.6. Other adverse effects

- No know significant effects or critical hazards

SECTION 13. DISPOSAL CONSIDERATIONS

- Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Waste:

- Must be disposed of in accordance with local and national regulations.

Soiled packaging:

- Dispose of as normal industrial waste. If empty containers are recycled or disposed of, the receiver must be informed about possible hazards. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14. TRANSPORT INFORMATION

- Classification: Not classified as hazardous for transport.

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SECTION 15. REGULATORY INFORMATION

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

- Particular provisions:

- No data available.

15.2. Chemical safety assessment

- No data available.

SECTION 16. OTHER INFORMATION

- Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
- It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
- The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.
- To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein
- Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist

Full Text of abbreviated H Statements:

H225 – Highly flammable liquid and vapour.

H301 – Toxic if swallowed.

H302 – Harmful if swallowed.

H311 – Toxic in contact with skin.

H312 – Harmful in contact with skin.

H315 – Causes skin irritation.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

H332 – Harmful if inhaled.

H336 – May cause drowsiness or dizziness.

H370 – Causes damage to organs

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.