
SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

0892 333 - Summer Screenwash Additive 32ml

Version 1.6

Revision Date 02.10.2013

Print Date 06.11.2013

GB / EN

1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Commercial Product Name : Summer Screenwash Additive 32ml
Product code : 0892 333
MSDS-Identcode : 10032949

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

Use of the Substance/Mixture : Cleaning agent

1.3 Details of the supplier of the safety data sheet

Company : Würth UK Ltd
1 Centurion Way
Erith, Kent
United Kingdom
Telephone : +44 (0)3300 555 444
Telefax : +44 (0)3300 555 666
Company : WÜRTH IRELAND LTD.
Monaclinoe Ind. Est. Ballysimon Road
Limerick
Ireland
Telephone : +353 61 430200
Telefax : +353 61 412428
Responsible/issuing person : E-mail address: prodsafe@wuerth.com

1.4 Emergency telephone number

National Chemical Emergency Centre
+44 (0)870 190 6777

2. Hazards identification**2.1 Classification of the substance or mixture****Classification (67/548/EEC, 1999/45/EC)**

Flammable

R10: Flammable.

2.2 Label elements**Labelling according to EC Directives: 1999/45/EC**

R-phrase(s) : R10 Flammable.
S-phrase(s) : S16 Keep away from sources of ignition - No smoking.
S35 This material and its container must be dis-

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posed of in a safe way.

Limited labelling (1999/45/EC, Article 10,4)

R-phrases(s) : R10 Flammable.

2.3 Other hazards

no data available

3. Composition/information on ingredients**3.2 Mixtures****Hazardous components**

| Chemical Name | CAS-No. | Classification (67/548/EEC) | Classification (1272/2008/EC) | Concentration [%] |
|-----------------------------------|------------------------|--------------------------------|---|----------------------|
| | EC-No. | | | |
| | Registration number | | | |
| Alkyl ether sulfate (C10- C16) | 68585-34-2 | Xi; R36/38 | Skin Irrit. 2; H315 Eye Irrit. 2; H319 | >= 7 - < 10 |
| | 500-223-8 | | | |
| | | | | |

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First aid measures**4.1 Description of first aid measures**

- General advice : If you feel unwell, seek medical advice (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.
- If inhaled : If breathed in, move person into fresh air. If symptoms persist, call a physician.
- In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.
- In case of eye contact : Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- If swallowed : If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position.

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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

5. Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media : Alcohol-resistant foam, Water spray jet, Carbon dioxide (CO₂)

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products may be formed under fire conditions (see section 10). Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information : Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Pay attention to flashback.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Avoid contact with skin and eyes. Ensure adequate ventilation, especially in confined areas. Immediately evacuate personnel to safe areas. Avoid inhalation of vapour or mist. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

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Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Clean contaminated surface thoroughly.

6.4 Reference to other sections

see chapter: 7, 8, 11, 12 and 13

6.5 Other information

Contaminated surfaces will be extremely slippery.

7. Handling and storage**7.1 Precautions for safe handling**

- | | |
|---|---|
| Advice on safe handling | : Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. For personal protection see section 8. |
| Advice on protection against fire and explosion | : Normal measures for preventive fire protection. Vapours may form explosive mixtures with air. Keep away from heat and sources of ignition. Do not smoke. Take measures to prevent the build up of electrostatic charge. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. |
| Dust explosion class | : not applicable |

7.2 Conditions for safe storage, including any incompatibilities

- | | |
|---|--|
| Requirements for storage areas and containers | : Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in an area equipped with solvent resistant flooring. Protect from frost, heat and sunlight. |
| Advice on common storage | : Do not store together with oxidizing and self-igniting products. Incompatible with oxidizing agents. Keep away from food, drink and animal feedingstuffs. |
| Other data | : No decomposition if stored and applied as directed. |

7.3 Specific end use(s)

no data available

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8. Exposure controls/personal protection**8.1 Control parameters**

| Components | CAS-No. | Control parameters | Basis | Update |
|------------|---------|--|---------|------------|
| ethanol | 64-17-5 | TWA: 1.920 mg/m ³ , 1.000 ppm 2, | GB EH40 | 2005-04-06 |

Other information on limit values: see chapter 16

8.2 Exposure controls**Engineering measures**

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Respirator with filter type A

Hand protection

Material : Chloroprene
Glove thickness : 0,5 mm
Directive : DIN EN 374

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : Long sleeved clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid breathing vapours, mist or gas.
Avoid contact with skin, eyes and clothing.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Follow the skin protection plan.
Take off all contaminated clothing immediately.
Wash contaminated clothing before re-use.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance : liquid
Colour : orange
Odour : odourized slight
Odour Threshold : no data available
Flash point : 40 °C

Ignition temperature : 425 °C
Solvent

Thermal decomposition : no data available

Lower explosion limit : 3,5 %(V)
Solvent

Upper explosion limit : 15 %(V)
Solvent

Explosive properties : no data available
Flammability : no data available
Oxidizing properties : The product has been shown not to be oxidising in a test following Directive 67/548/EEC (Method A17, oxidising properties).

Auto-ignition temperature : no data available
Burning number : no data available
Molecular weight : no data available
pH : 6
(undiluted)

Melting point/range : no data available

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| | |
|--|--|
| Boiling point/boiling range | : >= 85 °C |
| Vapour pressure | : no data available |
| Density | : 0,992 g/cm ³ at 20 °C |
| Bulk density | : no data available |
| Water solubility | : soluble |
| Partition coefficient: n-octanol/water | : no data available |
| Solubility in other solvents | : no data available |
| Viscosity, dynamic | : no data available |
| Viscosity, kinematic | : 13 mm ² /s at 20 °C |
| Flow time | : 26 s at 23 °C Average: 3 mm Method: ISO 2431 |
| Impact sensitivity | : no data available |
| Relative vapour density | : no data available |
| Surface tension | : no data available |
| Evaporation rate | : no data available |
| Minimum ignition energy | : no data available |
| Acid number | : no data available |
| Refraction index | : no data available |
| Miscibility in water | : no data available |
| Solvent separation test | : no data available |

9.2 Other information

None known.

10. Stability and reactivity**10.1 Reactivity**

no data available

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Stability : No decomposition if stored and applied as directed.
Vapours may form explosive mixtures with air.

10.4 Conditions to avoid

Heat, flames and sparks.

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10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products : Sulphur oxides, Carbon oxides, nitrogen oxides (NO_x)

11. Toxicological information**11.1 Information on toxicological effects****Acute toxicity**Acute oral toxicity:

no data available

Acute inhalation toxicity:

no data available

Acute dermal toxicity:

no data available

Acute toxicity (other routes of administration):

no data available

Skin corrosion/irritationSkin irritation

: No skin irritation
No skin irritation
The toxicological data has been taken from products of similar composition.

Serious eye damage/eye irritationEye irritation

: No eye irritation
No eye irritation
The toxicological data has been taken from products of similar composition.

Respiratory or skin sensitisationSensitisation:

no data available

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Germ cell mutagenicityGenotoxicity in vitro:

no data available

Genotoxicity in vivo:

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Teratogenicity

no data available

STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration hazardAspiration toxicity

no data available

Neurological effects

no data available

Toxicology AssessmentToxicology, Metabolism, Distribution

no data available

Acute effects

no data available

12. Ecological information**12.1 Toxicity**

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no data available

12.2 Persistence and degradabilityBiodegradability

: Note: The surfactant(s) contained in this mixture 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.

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 effectsAdditional ecological information

: The product should not be allowed to enter drains, water courses or the soil.

13. Disposal considerations**13.1 Waste treatment methods**Advice on disposal and packaging

: Disposal:
In accordance with local and national regulations. Do not dispose of waste into sewer. This material and its container must be disposed of as hazardous waste. Do not dispose of together with household waste.
Waste codes should be assigned by the user based on the application for which the product was used.

The following Waste Codes are only suggestions:

Waste Code (EWC)

: Waste Key (unused product):
070101, aqueous washing liquids and mother liquors

Waste key (used product):
070101, aqueous washing liquids and mother liquors

Disposal of uncleaned packaging

: Waste key (uncleaned packaging):
150110, packaging containing residues of or contaminated by dangerous substances

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Note: Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn, or use a cutting torch on, the empty drum. Dispose of as unused product.

14. Transport information**14.1 UN number**

ADR : 1170
RID : 1170
IMDG : 1170
IATA : 1170

14.2 Proper shipping name

ADR : ETHANOL SOLUTION
RID : ETHANOL SOLUTION
IMDG : ETHANOL SOLUTION
IATA : ETHANOL SOLUTION

14.3 Transport hazard class(es)

ADR : 3
RID : 3
IMDG : 3
IATA : 3

14.4 Packing group

ADR
Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3
Limited quantity : 5,00 L
Tunnel restriction code : (D/E)

RID
Packing group : III
Classification Code : F1
Hazard Identification Number : 30
Labels : 3
Limited quantity : 5,00 L

IMDG
Packing group : III
Labels : 3
EmS Number : F-E, S-D

IATA
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355
Packing instruction (LQ) : Y344
Packing group : III
Labels : 3

