



Safety Data Sheet

Product Name: SCREEN WASH
CONCENTRATE

Creation Date: 12/06/17
Replaces: 16/11/16

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

1.1. Product Identifier

SCOTTS SCREEN WASH CONCENTRATE
Bottle

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

Car Care.
Do not use for personal cleaning. Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Scotts Trading
6 Hessary Street
Poundbury, Dorchester
Dorset, DT1 3SF
Tel: 0044 (0)1305 260555
E-mail: sales@scottstrading.com

1.4. Emergency telephone number

0044 (0)1305 260555

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification (EC1272/2008)

Physical hazards: Flam. Liq. 2 - H225

Health hazards: Eye Irrit. 2 - H319

Environmental hazards: Not Classified

Classification: R10
(67/548/EEC or 1999/45/EC)

2.2 Label elements

Label elements (Pictogram):



Signal word:	Danger.
Hazard statements:	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
Precautionary statements:	P102: Keep out of reach of children. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P280: Wear eye protection. P312: Call a POISON CENTRE/doctor if you feel unwell. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention. P501: Dispose of contents/container in accordance with national regulations.
Contains:	Ethyl Alcohol.

2.3 Other hazards

PBT: This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ethyl Alcohol (Reach registration number: 01-2119457610-43-xxxx)

EC no:	CAS	Classification (67/548/EEC or 1999/45/EC)	CLP Classification	Percent
200-578-6	64-17-5	F;R11	Flam. Liq. 2:H225; Eye Irrit. 2:H319;	30-60%

PROPAN-2-OL (Reach registration number: 2119457558-25-xxxx)

EC no:	CAS	Classification (67/548/EEC or 1999/45/EC)	CLP Classification	Percent
200-661-7	67-63-0	F;R11 Xi; R36 R67	Flam. Liq. 2:H225; Eye Irrit. 2:H319; STOT SE 3 – H336	1-5%

The full test for all R-Phrases and hazard statements are displayed in Section 16.

Composition comments: The data shown are in accordance with the latest EC Directives.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Inhalation:	IF INHALED: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion:	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

Skin contact: Rinse with water. Get medical attention if any discomfort continues.

Eye contact: Rinse with water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if any symptoms occur after washing.

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

Inhalation: Vapours may cause headache, fatigue, dizziness and nausea..

Ingestion: Gastrointestinal symptoms, including upset stomach.

Eye contact: Causes serious eye irritation.

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

Notes for the doctor: Treat symptomatically.

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO₂)

5.3 Advice for Fire fighters

Protective actions during firefighting: No specific firefighting precautions known.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: No Smoking, sparks, flames or other sources of ignition near spillage. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Do not touch or walk into spilled material. Avoid contact with skin, eyes, and clothing. Avoid inhalation of vapours. Take care as floors and other surfaces may become slippery. Avoid contact with contaminated tools and objects. Wash thoroughly after dealing with a spillage.

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 ignition sources if safe to do so. Wear suitable protective

equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

For personal protection, see Section 8.

SECTION 7: Handling & Storage

7.1. Precautions for safe handling

Usage precautions: Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Provide adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapours. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions: Store at temperatures between 4°C and 40°C

Storage class: Flammable liquid storage.

7.3. Specific end use(s)

Car Care - see Section 1.2.

SECTION 8: Exposure Controls & Personal Protection

8.1. Control parameters Occupational exposure limits

Ethyl Alcohol

	LTEL 8 hr TWA	15 min. STEL	8 hour TWA	15 min STEL
UK	WEL 1000ppm 1920mg/m ³			

PROPAN-2-OL

	LTEL 8 hr TWA	15 min. STEL	8 hour TWA	15 min STEL
UK	WEL 400ppm 999mg/m ³	WEL 500ppm 1250mg/m ³		

WEL = Workshop Exposure Limit

Ingredient Comments: Ethyl Alcohol (CAS: 64-17-5)

DNEL: Workers - Inhalation; Short term : 1900 mg/m³
 Workers - Dermal; Long term systemic effects: 343 mg/kg/day
 Workers - Inhalation; Long term : 950 mg/m³

Consumer - Inhalation; Short term : 950 mg/m³
Consumer - Dermal; Long term systemic effects: 206 mg/kg/day
Consumer - Inhalation; Long term : 114 mg/m³
Consumer - Oral; Long term systemic effects: 87 mg/kg/day

PNEC: Fresh water; 0.96 mg/l
Marine water; 0.79 mg/l
Soil; 0.63 mg/kg
STP; 580 mg/l
Sediment (Freshwater); 3.6 mg/kg

Ingredient Comments: **PROPAN-2-OL (CAS: 67-63-0)**

DNEL: Industry - Dermal; Long term systemic effects: 888 mg/kg/day
Industry - Inhalation; Long term systemic effects 500mg/ m³
Consumer - Dermal; Long term systemic effects: 319 mg/kg/day
Consumer – Oral; Long term systemic effects: 26mg/kg/day
Consumer - Inhalation; Long term systemic effects 89mg/ m³

PNEC: Fresh Water; 140.9 mg/l
Marine Water; 140.9 mg/l
Intermittent release; 140.9 mg/l
Sediment (Freshwater); 552 mg/kg
Sediment (Marine water); 552 mg/kg
STP; 2251 mg/l
Soil; 28 mg/kg

8.2 Exposure controls

Protective equipment:



Appropriate engineering controls:

Provide adequate ventilation.

Eye/face protection:

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 4 hours. The breakthrough time for any glove material may be different for different glove manufacturers. When used with mixtures, the protection time of gloves cannot be accurately estimated. For exposure up to 4

hours, wear gloves made of the following material: Nitrile rubber. Thickness: > 0.54 mm Laminate of polyethylene and ethylene vinyl alcohol (PE/EVOH). Thickness: > 0.06 mm Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. It should be noted that liquid may penetrate the gloves.

Hygiene measures: Wash hands thoroughly after handling.

SECTION 9: Physical & Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance: physical state: Clear liquid.
Colour: Blue.
Odour: Alcoholic.
pH: Not applicable.
Flashpoint: ~ 22°C. SCC (Setaflash closed cup).
Relative density: 0.89 @ 25°C.
Solubility(ies): Soluble in water.

9.2. Other information

Not determined.

SECTION 10: Stability & Reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological Information**11.1. Information on toxicological effects**

Inhalation: Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion: Gastrointestinal symptoms, including upset stomach.

Eye contact: Causes serious eye irritation.

Ethyl Alcohol**Acute Toxicity - Oral**

Acute toxicity oral (LD₅₀ mg/kg): 2,001.0

Species: Rat

ATE oral (mg/kg): 2,001.0

Acute Toxicity – Dermal

Acute toxicity dermal (LD₅₀ mg/kg): 2,001.0

Species: Rabbit

ATE dermal (mg/kg) 2,001.0

Acute Toxicity – Inhalation

Acute toxicity inhalation: LC₅₀ vapours mg/l) 21.0

Species: Mouse

ATE inhalation (vapours mg/l) 21.0

Specific target organ toxicity - repeated exposure

STOT - repeated exposure: NOAEL 1730 mg/kg, Oral,

Target organs: Gastro-intestinal tract Liver

PROPAN-2-OL**Acute toxicity – oral**

Acute toxicity oral (LD₅₀ mg/kg) 4,700.0

Species: Rat
ATE oral (mg/kg): 4,700.0

Acute toxicity – dermal

Acute toxicity dermal (LD50 mg/kg) 16.4

Species: Rabbit

SECTION 12: Ecological Information

Ecotoxicity: The product is not expected to be hazardous to the environment

12.1. Toxicity

Acute toxicity – fish: Not determined.

Ethyl alcohol

Acute toxicity – fish: LC50, 48 hours: > 100 mg/l, Leuciscus idus (Golden orfe)
 LC₅₀, 96 hours: 11.000 mg/l, Algae

Acute toxicity – aquatic invertebrates EC₅₀, 48 hours: 12.34 mg/l, Daphnia magna

Acute toxicity – aquatic plants EC₅₀, hours: mg/l, Selenastrum capricornutum

PROPAN-2-OL

Acute toxicity – fish: LC50, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow).

Acute toxicity – aquatic Invertebrates: EC₅₀, 24 hours: 9714 mg/l, Daphnia magna

Acute toxicity – aquatic plants: EC50, 72 hours: > 100mg/l, Scenedesmus subspicatus.

12.2. Persistence and Degradability

The product is expected to be biodegradable.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Not determined.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal methods: Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

SECTION 14: Transport Information

Special Provisions Note

14.1. UN number

UN No. (ADR/RID): 1993

UN No. (IMDG): 1993

UN No. (ICAO): 1993

14.2. UN proper shipping name

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (ethanol).
(ADR/RID)

Proper shipping name: FLAMMABLE LIQUID, N.O.S. (ethanol).
(IMDG)

Proper shipping name (ICAO): FLAMMABLE LIQUID, N.O.S. (ethanol).

14.3. Transport hazard class(es)

ADR/RID class: 3

IMDG class: 3

ICAO class/division: 3

Transport labels:



14.4. Packing group

ADR/RID packing group: 11

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IMDG packing group:	11
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ICAO packing group:	11
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14.5 Environmental hazards

Environmentally hazardous:	No.
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Marine pollutant:	No.
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14.6. Special Precautions for User

Tunnel restriction code:	(D/E)
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14.7. Transport in bulk according to Annex 11 of MARPOL73/78 and the IBC code

Transport in bulk according to Annex 11 of MARPOL73/78 and the IBC code:	Not applicable.
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SECTION 15: Regulatory Information

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

National regulations:	Control of Substances Hazardous to Health Regulations 2002 (as amended).
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EU legislation:	Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (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). Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.
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Guidance:	Workplace Exposure Limits EH40.
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15.2. Chemical safety assessment

SECTION 16: Other Information

Abbreviations and acronyms used in the safety data sheet	ATE: Acute Toxicity Estimate. LC ₅₀ : Lethal Concentration to 50 % of a test population. EC ₅₀ : 50% of maximal Effective Concentration. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. IMDG: International Maritime Dangerous Goods. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
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UN: United Nations.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.

Revision phrases in full:

R10: Flammable.
R11: Highly flammable.
R23: Toxic by inhalation.
R36: Irritating to eyes.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R67: Vapours may cause drowsiness and dizziness.

Hazard statements in full:

H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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