



## ProSolve Screen Wash

Safety Data Sheet

According to Regulation (EU) No 1907/2006 (REACH), No 830/2015 and Regulation (EC) No 1272/2008

Date Revised: 13/01/2023 Version: 1.0

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

#### 1.1 Product identifier

**Product name:** ProSolve Screen Wash

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

**Identified uses:** Industrial and domestic applications

#### 1.3 Details of the supplier of the safety data sheet

**Company Name:** ProSolve

**Company Address:** Sandall Stones Industrial Estate, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire, DN3 1QR

**Tel:** +44 (0) 1302 310 113

**E-mail:** enquiries@prosolveproducts.com

**Web:** www.prosolveproducts.com

#### EU Details:

**Address:** PO Box: 107, 3150 AC, HOEK VAN HOLLAND

**Phone:** 003531 9120925

#### 1.4 Emergency telephone number

##### National Health Service (NHS)

**NHS England or Scotland:** 111

**NHS Wales:** 0300 0604400

**Northern Ireland:** Call your local GP

**For life-threatening emergencies, call** 999 for an ambulance.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Product definition:** Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

**Physical Hazards:** Not Classified

**Health Hazards:** Not Classified

**Environmental Hazards:** Not Classified

**Environmental** The product is not expected to be hazardous to the environment.

## 2.2 Label elements

**Hazard statements:** NC Not Classified

### **Precautionary statements:**

#### **General:**

P102 Keep out of reach of children.

P233 Keep container tightly closed.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/ container in accordance with national regulations.

#### **Detergent labelling**

< 5% perfumes, Contains BENZISOTHIAZOLINONE

## 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.1 Mixtures

<b>ETHANOL</b>	<b>1-5%</b>	
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01-2119457610-43-XXXX
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319		
<b>METHANOL</b>	<b>&lt;0.6%</b>	
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119433307-44-XXXX
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370		

The full text for all hazard statements is 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

<b>General:</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Eye contact:</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. Get medical attention if symptoms are severe or persist after washing.
<b>Inhalation:</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues. Place unconscious person on their side in the recovery position and ensure breathing can take place.

**Skin contact:** Remove affected person from source of contamination. Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Keep affected person under observation. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention if symptoms are severe or persist.

#### **4.2 Most important symptoms and effects, both acute and delayed**

**General information** The product is considered to be a low hazard under normal conditions of use. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation** In the unlikely event of over exposure to organic solvent vapours from this product, symptoms which may develop include headache, fatigue, dizziness and nausea.

**Ingestion** This is an unlikely accidental route of exposure, but when Ingested in large amounts:- May cause nausea, headache, dizziness and intoxication. May cause stomach pain or vomiting.

**Skin contact** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Eye contact** May cause discomfort. Irritation of eyes and mucous membranes.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor** No specific recommendations. Treat symptomatically. If in doubt, get medical attention promptly.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

**Extinguishing media:** This product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

**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

**Specific hazards** No unusual fire or explosion hazards noted.

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## 5.3. Advice for firefighters

### Protective actions during firefighting

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.

### Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses. Take care as floors and other surfaces may become slippery.

#### 6.4. Reference to other sections

##### Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Usage precautions

Avoid spilling. Do not wear contact lenses. During application and drying, solvent vapours will be emitted. Do not get in eyes, on skin or on clothing.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

**Specific end use(s) The identified uses for this product are detailed in Section 1.2.**

### SECTION 8: Exposure controls/personal protection#

#### 8.1 Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): 2006/15/EC 200 ppm 260 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

#### ETHANOL (CAS: 64-17-5)

##### DNEL

Workers - Dermal; Long term systemic effects: 343 mg/kg

Workers - Inhalation; Long term systemic effects: 950 mg/m<sup>3</sup>

Workers - Inhalation; Short term Acute, local effects: 1900 mg/m<sup>3</sup>

Consumer - Inhalation; Short term Acute, local effects: 950 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 206 mg/kg

Consumer - Inhalation; Long term systemic effects: 114 mg/m<sup>3</sup>

Consumer - Oral; Long term systemic effects: 87 mg/kg

## PNEC

- Fresh water; 0.96 mg/l
- marine water; 0.79 mg/l
- STP; 580 mg/l
- Intermittent release; 2.75 mg/l
- Sediment (Freshwater); 3.6 mg/kg sediment dw
- Sediment (Marinewater); 2.9 mg/kg sediment dw
- Soil; 0.63 mg/kg soil dw

## METHANOL (CAS: 67-56-1)

### DNEL

- Industry - Dermal; Short term Acute: 40 mg/kg bw/day
- Industry - Dermal; Long term systemic effects: 40 mg/kg bw/day
- Industry - Inhalation; Short term Acute: 260 mg/m<sup>3</sup>
- Industry - Inhalation; Long term systemic effects: 260 mg/m<sup>3</sup>
- Consumer - Dermal; Short term Acute: 8 mg/kg bw/day
- Consumer - Dermal; Long term systemic effects: 8 mg/kg bw/day
- Consumer - Inhalation; Long term systemic effects: 50 mg/m<sup>3</sup>
- Industry - Inhalation; Short term Acute: 260 mg/m<sup>3</sup>
- Industry - Inhalation; Long term local effects: 260 mg/m<sup>3</sup>
- Consumer - Inhalation; Short term Acute: 50 mg/m<sup>3</sup>
- Consumer - Inhalation; Long term local effects: 50 mg/m<sup>3</sup>

### PNEC

- Fresh water; 20.8 mg/l
- marine water; 2.08 mg/l
- Soil; 3.18 mg/kg soil dw
- STP; 100 mg/l
- Sediment (Freshwater); 77 mg/kg sediment dw
- Intermittent release; 1540 mg/l
- Sediment (Marinewater); 7.7 mg/kg sediment dw

## 8.2. Exposure controls

### Protective equipment



Appropriate engineering controls

Eye/face protection



Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Contact lenses should not be worn when working with this chemical. Eyewear complying with an

approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. In case of intensive contact, wear protective gloves (EN 374). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. protective gloves shall be replaced immediately when physically damaged or worn. Appropriate Material - Butyl, Material Thickness - 0.6 to 0.8mm, Breakthrough Time - 8Hrs

#### Other skin and body protection

No specific requirements are anticipated under normal conditions of use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin. Provide eyewash station. Use engineering controls to reduce air contamination to permissible exposure level.

#### Hygiene measures

Provide eyewash station. Wash promptly if skin becomes contaminated. Do not eat, drink or smoke when using this product. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type A2.

#### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.



## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid.
Colour:	Blue
<b>Odour:</b>	Perfume
<b>pH:</b>	6.0 to 9.0
<b>Melting point/freezing point</b>	-6°C
<b>Boiling point/boiling range</b>	99°C @760mm Hg
<b>Flash point:</b>	>150°C Closed Cup
<b>Relative density:</b>	0.995 @ 20°C
<b>Solubility(ies):</b>	Completely soluble in water
<b>Partition coefficient</b>	Not available
<b>Viscosity:</b>	1.06 cSt @ 20°C

### **9.2 Other information**

None

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No specific test data related to reactivity available for this product or its ingredients.

### **10.2 Chemical stability**

The product is stable.

### **10.3 Possibility of hazardous**

Under normal conditions of storage and use, hazardous reactions will not occur.

### **10.4 Conditions to avoid**

Excessive heat.

## 10.5 Incompatible materials

Materials to avoid Strong alkalis. Strong acids. Strong oxidising agents.

## 10.6 Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	The product is not expected to be toxic to aquatic organisms.
<b>Acute toxicity - oral</b> <b>ATE oral (mg/kg)</b>	159,708.69
<b>Acute toxicity - dermal</b> <b>ATE dermal (mg/kg)</b>	159,708.69
<b>Acute toxicity - inhalation</b> <b>ATE inhalation (vapours mg/l)</b>	1,597.09
<b>General information</b>	To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated.
<b>Inhalation</b>	Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Liquid may irritate skin.
<b>Eye contact</b>	Vapour or spray in the eyes may cause irritation and smarting. Prolonged contact may cause redness and/or tearing.
<b>Acute and chronic health hazards</b>	Not expected to be a health hazard when used under normal conditions.
<b>Route of exposure</b>	Inhalation Skin absorption Ingestion. Skin and/or eye contact
<b>Medical symptoms</b>	No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Toxicological information on ingredients.

**ETHANOL**

Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub>  
mg/kg)

7,060.0

Species

Rat

ATE oral (mg/kg)

7,060.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>  
mg/kg)

2,001.0

Species

Rabbit

ATE dermal (mg/kg)

2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub>  
vapours mg/l)

124.7

Species

Rat

ATE inhalation (vapours mg/l)

124.7

Skin corrosion/irritation

Animal data

Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation

Irritating to eyes: Category 2.

Skin sensitisation

Skin sensitisation

Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity  
Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

## SECTION 12: Ecological information

### 12.1 Toxicity

Ecotoxicity The product is not expected to be hazardous to the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

Ecological information on ingredients.

#### ETHANOL

Acute aquatic toxicity  
Acute toxicity - fish LC<sub>50</sub>, 96 hours: 15300 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates  
EC<sub>50</sub>, 48 hours: 9268 - 14221 mg/l, Daphnia magna

Acute toxicity - aquatic plants  
LOEC, 192 hours: 5000 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms  
LOEC, : 6500 (16hr) mg/l,

### 12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product 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. The product is biodegradable but it must not be discharged into drains without permission from the authorities.

Ecological information on ingredients.

## **ETHANOL**

Persistence and degradability                      The product is biodegradable.

### **12.3. Bioaccumulative potential**

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

Partition coefficient                                      Not available.

Ecological information on ingredients.

## **ETHANOL**

Partition coefficient log Pow: < 2

### **12.4. Mobility in soil**

Mobility    The product is soluble in water.

### **12.5. Results of PBT and vPvB assessment**

Results of PBT and vPvB  
Assessment

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

### **12.6. Other adverse effects**

Other adverse effects Not applicable.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The packaging must be empty (drop-free when inverted).

Disposal methods                                      Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor.

## SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  
Not Applicable

## SECTION 15: Regulatory information

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

National regulations Control of Pollution (Special Waste) Regulations 1980 (as amended).  
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019, SI 2019 No. 720 (as amended)  
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019 No. 758 (as amended)

EU legislation Dangerous Substances Directive 67/548/EEC.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006

concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (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).

Guidance

Workplace Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.

## **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

SECTION 16: Other information

**Hazard statements in full H225 Highly flammable liquid and vapour.**

**H301 Toxic if swallowed.**

**H311 Toxic in contact with skin.**

**H319 Causes serious eye irritation.**

**H331 Toxic if inhaled.**

**H370 Causes damage to organs (Central nervous system, Optic Nerve (Nervus Opticus)).**

The information contained in this safety data sheet is based on the present state of knowledge and EU and national legislation. It provides guidance on health, safety and environmental aspects for handling the product in a safe way and should not be construed as any guarantee of the technical performance or suitability for particular applications. It is always the duty of the user/employer to ascertain that the work is planned and carried out in accordance with the national regulations and safe working practice and ensure that the product is suitable for the intended use and application conditions.

### **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. Please note that due to the on-going change in regulation from CHIP to CLP, any MSDS information in this MSDS is only considered accurate at the time of its creation. During this time classifications of substances may change. Therefore it is possible that can art work and MSDS information may differ. As such if you have any concerns we recommend you request a new MSDS from us every 6-12 months.