1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME
Halfords Screenwash

PRODUCT NO.
BLK19200

SUPPLIER
Halfords
Icknield Street Drive
Washford West
Redditch
Worcestershire
B98 ODE
Phone 01527 517601
Fax 01527 513201

2 HAZARDS IDENTIFICATION

Flammable.

CLASSIFICATION
R10.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>200-578-6</td>
<td>64-17-5</td>
<td>10.30%</td>
<td>F;R11</td>
</tr>
<tr>
<td>METHANOL</td>
<td>200-659-6</td>
<td>67-56-1</td>
<td>0.5-1.0%</td>
<td>F;R11 T;R23/24/25;R39/23/24/25</td>
</tr>
<tr>
<td>PROPAN-2-OL</td>
<td>200-661-7</td>
<td>67-83-0</td>
<td>0.5-1.0%</td>
<td>F;R11 X;R38 R87</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION
Move the exposed person to fresh air at once. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention. For breathing difficulties oxygen may be necessary.

INGESTION
DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately.

SKIN CONTACT
Remove affected person from source of contamination. Remove contaminated clothing. Get medical attention if irritation persists after washing.

EYE CONTACT
Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES
Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Emits combustible gases if heated. Be aware of danger for fire to re-start.

6 ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS
Any spillage needs to be contained and not allowed to enter water courses

SPILL CLEAN UP METHODS
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE


Halfords Screenwash

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHANOL</td>
<td>WEL</td>
<td>1000 ppm</td>
<td>1520 mg/m³</td>
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</tr>
<tr>
<td>METHANOL</td>
<td>WEL</td>
<td>200 ppm (Sk)</td>
<td>266 mg/m³ (Sk)</td>
<td></td>
</tr>
<tr>
<td>PROPA-N-2-OL</td>
<td>WEL</td>
<td>400 ppm</td>
<td>999 mg/m³</td>
<td>500 ppm</td>
</tr>
</tbody>
</table>

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

COLOUR: Green yellow

ODOUR: Odour of alcohol

SOLUBILITY: Soluble in water

RELATIVE DENSITY: 0.970 - 0.980 @ 20 °C

FLASH POINT (°C): 32 CC (Closed cup).

pH-VALUE, CONC. SOLUTION: 11.3

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat. Avoid contact with oxidisers or reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS


11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea.

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SKIN CONTACT

Prolonged contact may cause dryness of the skin. Product has a defatting effect on skin.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.
12 ECOLOGICAL INFORMATION

ECOTOXICITY
Not classed as Hazardous to the Environment but release to the environment should be avoided.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>PROPERTY NAME</th>
<th>ETHANOL SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN NO. ROAD</td>
<td>1170</td>
</tr>
<tr>
<td>ADR CLASS NO.</td>
<td>3</td>
</tr>
<tr>
<td>ADR PACK GROUP</td>
<td>III</td>
</tr>
<tr>
<td>UN NO. SEA</td>
<td>1170</td>
</tr>
<tr>
<td>IMDG CLASS</td>
<td>3</td>
</tr>
<tr>
<td>UN NO. AIR</td>
<td>1170</td>
</tr>
</tbody>
</table>

15 REGULATORY INFORMATION

RISK PHRASES
R10 Flammable.

SAFETY PHRASES
S2 Keep out of the reach of children.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

STATUTORY INSTRUMENTS
Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE
Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES
Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16 OTHER INFORMATION

GENERAL INFORMATION
The following risk phrases relate to the raw materials in the product and not the product itself:

REVISION DATE: 08/04/2011
REVISION NO./REPL. SDS GENERATED: 7

RISK PHRASES IN FULL
R11 Highly flammable.
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R36 Irritating to eyes.
R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R67 Vapours may cause drowsiness and dizziness.