



# SCREEN WASH - READY MIX P20

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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VERSION: 1.1

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

#### 1.1. Product identifier

|                 |                             |
|-----------------|-----------------------------|
| Trade name      | Screen Wash - Ready Mix P20 |
| Product code    | Ford Internal Ref.: 198426  |
| SDS Number      | 6019                        |
| Type of product | Detergent                   |
| Product use     | Public use                  |

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

|                          |  |
|--------------------------|--|
| Relevant identified uses | Windscreen cleaner with frost protection |
| Uses advised against     | No additional information available.     |

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

| Supplier  | Distributor   |
|---|---|
| Ford-Werke GmbH<br>Edsel-Ford-Str. 2-14<br>50769 Cologne<br>Germany<br>+49 221 90-33333<br>sdseu@ford.com | Ford Motor Company Ltd.<br>Parts Distribution Centre<br>Royal Oak Way South<br>NN11 8NT Daventry, Northants<br>United Kingdom<br>+44 1327 305 198 |

#### 1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

### 2. SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

Physical hazards      Flammable liquids, Category 3      H226      Flammable liquid and vapour.

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H226      Flammable liquid and vapour.

Precautionary statements

General

P102      Keep out of reach of children.

Prevention

P210      Keep away from heat, hot surfaces, sparks, open flames and other ignition

|                 |  |
|-----------------|--|
| P280            | sources. No smoking.   |
| <b>Response</b> | Wear protective gloves, eye protection.                            |
| P370+P378       | In case of fire: Use water spray, powder and CO2 to extinguish     |
| <b>Disposal</b> |  |
| P501            | Dispose of contents/container to an approved waste disposal plant. |

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

## 3. SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Chemical name | CAS- No<br>EC- No<br>Index No<br>RRN                           | %         | Classification according to Regulation (EC) No. 1272/2008 | Notes   |
|---------------|--|-----------|---|---|
| ethanol       | 64-17-5<br>200-578-6<br>603-002-00-5<br>01-2119457610-43-XXXX  | 20 - < 40 | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319                  | ( 50 =<C < 100) Eye Irrit. 2, H319                  |
| Ethanediol    | 107-21-1<br>203-473-3<br>603-027-00-1<br>01-2119456816-28-XXXX | 1 - < 5   | Acute Tox. 4 (Oral), H302<br>STOT RE 2, H373              | substance with a Community workplace exposure limit |

Full text of H-statements: see section 16

## 4. SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                            |  |
|----------------------------|--|
| <b>General information</b> | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |
| <b>Inhalation</b>          | Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.   |
| <b>Skin contact:</b>       | Rinse skin with water/shower. Take off immediately all contaminated clothing.                                    |
| <b>Eyes contact</b>        | Rinse cautiously with water for several minutes.   |
| <b>Ingestion</b>           | Call a physician immediately.  |

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

No additional information available.

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

Treat symptomatically.

## 5. SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                       |  |
|---------------------------------------|--|
| <b>Suitable extinguishing media</b>   | Water spray. Dry powder. Carbon dioxide.                               |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire. |

### 5.2. Special hazards arising from the substance or mixture

|                    |                              |
|--------------------|------------------------------|
| <b>Fire hazard</b> | Flammable liquid and vapour. |
|--------------------|------------------------------|

**Hazardous combustion products** During fire, gases hazardous to health may be formed. Carbon monoxide. Nitrogen oxides.

### 5.3. Advice for firefighters

**Firefighting instructions**

Cool containers / tanks with spray water if possible.

**Protection during firefighting**

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## 6. SECTION 6: Accidental release measures

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

**For non-emergency personnel**

**Protective equipment**

For personal protection, see section 8 of the SDS.

**Emergency procedures**

Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing mist or vapor. If spilled, may cause the floor to be slippery.

**For emergency responders**

**Protective equipment**

Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**Emergency procedures**

Keep unnecessary personnel away.

### 6.2. Environmental precautions

Avoid release to the environment. Dilute with plenty of water. Inform appropriate managerial or supervisory personnel of all environmental releases.

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

**Methods for cleaning up**

Large Spills: Stop leak if safe to do so. Absorb remaining liquid with sand or inert absorbent and remove to safe place. Flush residue with large amounts of water. Small spills: Wipe up with absorbent material (for example cloth). Clean surface thoroughly to remove residual contamination.

**Other information**

Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## 7. SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Precautions for safe handling**

Prevent the build-up of electrostatic charge. Keep away from sources of ignition - No smoking. Use explosion-proof equipment.

**Hygiene measures**

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

**Technical measures**

Ground/bond container and receiving equipment.

**Storage conditions**

Store in a dry, cool and well-ventilated place. Protect against frost. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

### 7.3. Specific end use(s)

Windscreen cleaner.

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

### 8.1. Control parameters

#### EU

| Regulation | Substance            | Type      | Value                |
|------------|----------------------|-----------|----------------------|
| COMMISSION | Ethandiol (107-21-1) | IOELV TWA | 52 mg/m <sup>3</sup> |
| DIRECTIVE  | Ethylene glycol      | IOELV TWA | 20 ppm               |

**EU**

2000/39/EC

IOELV STEL

104 mg/m<sup>3</sup>

IOELV STEL

40 ppm

Notes

Skin

**United Kingdom**

| Regulation                           | Substance                                       | Type         | Value   |
|--------------------------------------|---|--------------|---|
| EH40. HSE                            | <b>ethanol (64-17-5)</b><br>Ethanol             | WEL TWA      | 1920 mg/m <sup>3</sup>  |
|                                      |   | WEL TWA      | 1000 ppm  |
| EH40/2005 (Third edition, 2018). HSE | <b>Ethanediol (107-21-1)</b><br>Ethane-1,2-diol | WEL TWA      | 10 mg/m <sup>3</sup> particulate<br>52 mg/m <sup>3</sup> vapour   |
|                                      |   | WEL TWA      | 20 ppm vapour   |
|                                      |   | WEL STEL     | 104 mg/m <sup>3</sup> vapour  |
|                                      |   | WEL STEL     | 40 ppm vapour   |
|                                      |   | Remark (WEL) | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity) |

**Monitoring methods**

Follow standard monitoring procedures

**DNEL: Derived no effect level**

No data available

| Components            | Type     | Route      | Value                    | Form                         |
|-----------------------|----------|------------|--------------------------|------------------------------|
| ethanol (64-17-5)     | Worker   | Dermal     | 343 mg/kg bodyweight/day | Long-term - systemic effects |
|                       |          | Inhalation | 950 mg/m <sup>3</sup>    | Long-term - systemic effects |
|                       |          | Inhalation | 1900 mg/m <sup>3</sup>   | Long-term - local effects    |
|                       | Consumer | Oral       | 87 mg/kg bodyweight/day  | Long-term - systemic effects |
|                       |          | Inhalation | 114 mg/m <sup>3</sup>    | Long-term - systemic effects |
|                       |          | Dermal     | 206 mg/kg bodyweight/day | Long-term - systemic effects |
| Ethanediol (107-21-1) | Worker   | Dermal     | 106 mg/kg bodyweight/day | Long-term - systemic effects |
|                       |          | Inhalation | 35 mg/m <sup>3</sup>     | Long-term - local effects    |
|                       |          | Inhalation | 950 mg/m <sup>3</sup>    | Long-term - local effects    |
|                       | Consumer | Oral       | 87 mg/kg bodyweight/day  | Long-term - systemic effects |
|                       |          | Inhalation | 114 mg/m <sup>3</sup>    | Long-term - systemic effects |
|                       |          | Dermal     | 206 mg/kg bodyweight/day | Long-term - systemic effects |

**PNEC: Predicted no effect concentration**

No data available

| Components            | Type           | Route      | Value          | Form                 |
|-----------------------|----------------|------------|----------------|----------------------|
| ethanol (64-17-5)     | Not applicable | Freshwater | 0.96 mg/l      |                      |
|                       |                | Seawater   | 0.79 mg/l      |                      |
|                       |                | Freshwater | 2.75 mg/l      | Intermittent release |
|                       |                | sediment   | 3.6 mg/kg dwt  | Freshwater           |
|                       |                | sediment   | 2.9 mg/kg dwt  | Seawater             |
|                       |                | Soil       | 0.63 mg/kg dwt |                      |
|                       |                | Oral       | 380 mg/kg food | Secondary Poisoning  |
|                       |                | STP        | 580 mg/l       |                      |
| Ethanediol (107-21-1) | Not applicable | Freshwater | 10 mg/l        |                      |
|                       |                | Seawater   | 1 mg/l         |                      |
|                       |                | sediment   | 37 mg/kg dwt   | Freshwater           |
|                       |                | sediment   | 3.7 mg/kg dwt  | Seawater             |

|      |                |
|------|----------------|
| Soil | 1.53 mg/kg dwt |
| STP  | 199.5 mg/l     |

## 8.2. Exposure controls

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level

### Materials for protective clothing

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

### Individual protection measures, such as personal protective equipment (PPE)

#### Eye protection

Safety glasses with side shields

#### Skin protection

##### Hand protection

The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove

| Material  | Permeation    | Thickness (mm) | Comments   |
|---|---------------|----------------|--|
| Nitrile rubber (NBR)                            | 120 - 239 min | 0.4            | Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see <a href="http://www.kcl.de">www.kcl.de</a> ) or comparable product. |
| In case of splash contact: Nitrile rubber (NBR) | 120 - 239 min | 0.4            | Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see <a href="http://www.kcl.de">www.kcl.de</a> ) or comparable product. |

##### Other protective measures

No additional information available.

### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Filter type: A-P2

### Skin and body protection

Wear suitable protective clothing

### Thermal hazard protection

No additional information available.

### Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases.

### Consumer exposure controls

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. SECTION 9: Physical and chemical properties

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

|  |                         |
|--|-------------------------|
| Physical state                             | Liquid                  |
| Colour                                     | Blue.                   |
| Odour                                      | Characteristic.         |
| Odour threshold                            | No data available       |
| pH   | 8 @ 20°C                |
| Relative evaporation rate (butylacetate=1) | No data available       |
| Melting point                              | -20 °C (ASTM D 1177-07) |
| Freezing point                             | No data available       |
| Boiling point                              | 80 °C                   |
| Flash point                                | 25 °C                   |
| Auto-ignition temperature                  | No data available       |
| Ignition temperature                       | 425 °C                  |
| Decomposition temperature                  | No data available       |
| Flammability (solid, gas)                  | Not applicable          |
| Vapour pressure                            | 59 hPa @ 20°C           |
| Relative vapour density at 20 °C           | No data available       |
| Relative density                           | No data available       |
| Density                                    | 0.96 g/cm³ @ 20°C       |

|                                    |   |
|------------------------------------|---|
| <b>Solubility</b>                  | Miscible with water.  |
| <b>Log Pow</b>                     | No data available   |
| <b>Viscosity, kinematic</b>        | No data available   |
| <b>Viscosity, dynamic</b>          | No data available   |
| <b>Explosive properties</b>        | Not explosive. In use, may form flammable/explosive vapour-air mixture. |
| <b>Oxidising properties</b>        | No data available   |
| <b>Lower explosive limit (LEL)</b> | 3.5 vol %   |
| <b>Upper explosive limit (UEL)</b> | 15 vol %  |

## 9.2. Other information

|                 |         |
|-----------------|---------|
| <b>VOC (EU)</b> | 28.51 % |
|-----------------|---------|

## 10. SECTION 10: Stability and reactivity

|   |  |
|---|--|
| <b>10.1. Reactivity</b>                         | Flammable liquid and vapour.   |
| <b>10.2. Chemical stability</b>                 | Stable under normal conditions.  |
| <b>10.3. Possibility of hazardous reactions</b> | No dangerous reactions known under normal conditions of use.   |
| <b>10.4. Conditions to avoid</b>                | Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.      |
| <b>10.5. Incompatible materials</b>             | Oxidising agents.  |
| <b>10.6. Hazardous decomposition products</b>   | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## 11. SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** Based on available data, the classification criteria are not met.

#### Mixture

| Name                        | Method | Type | Exposure route | Value  | Unit  | Species | Remarks            |
|-----------------------------|--------|------|----------------|--------|-------|---------|--------------------|
| Screen Wash - Ready Mix P20 |        | ATE  | oral           | > 5000 | mg/kg |         | (calculated value) |

#### Substance

| Name                  | Method           | Type | Exposure route | Value | Unit  | Species | Remarks |
|-----------------------|------------------|------|----------------|-------|-------|---------|---------|
| Ethenediol (107-21-1) | (acc. CLP 3.1.2) | ATE  | oral           | 500   | mg/kg |         |         |

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met

**Carcinogenicity** Based on available data, the classification criteria are not met

**Reproductive toxicity** Based on available data, the classification criteria are not met

**STOT-single exposure** Based on available data, the classification criteria are not met

**STOT-repeated exposure** Based on available data, the classification criteria are not met

**Aspiration hazard** Based on available data, the classification criteria are not met

## 12. SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecology - general

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.2. Persistence and degradability

#### Screen Wash - Ready Mix P20

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|                               |   |
|-------------------------------|---|
| Persistence and degradability | (OECD 301B method) Readily biodegradable, according to appropriate OECD test. |
|-------------------------------|---|

|                |                           |
|----------------|---------------------------|
| Biodegradation | > 70 % (OECD 301B method) |
|----------------|---------------------------|

#### ethanol (64-17-5)

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|                               |   |
|-------------------------------|---|
| Persistence and degradability | (OECD 301D method). 80 % - 85 % biodegradation. |
|-------------------------------|---|

### 12.3. Bioaccumulative potential

#### Screen Wash - Ready Mix P20

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|                           |                                      |
|---------------------------|--------------------------------------|
| Bioaccumulative potential | No additional information available. |
|---------------------------|--------------------------------------|

#### ethanol (64-17-5)

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|         |                |
|---------|----------------|
| Log Kow | -0.35 at 20 °C |
|---------|----------------|

#### Ethanediol (107-21-1)

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|         |       |
|---------|-------|
| Log Pow | -1.36 |
|---------|-------|

### 12.4. Mobility in soil

#### Screen Wash - Ready Mix P20

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|                |                                      |
|----------------|--------------------------------------|
| Ecology - soil | No additional information available. |
|----------------|--------------------------------------|

### 12.5. Results of PBT and vPvB assessment

#### Screen Wash - Ready Mix P20

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This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII.

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII.

### 12.6. Other adverse effects

#### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

## 13. SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### Additional information

Flammable vapours may accumulate in the container.

#### European List of Waste (LoW) code

20 01 29\*

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

15 01 10\*

detergents containing dangerous substances

packaging containing residues of or contaminated by dangerous substances

## 14. SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

|   |  |   |
|---|--|---|
| <b>14.1. UN number</b>                    |  |   |
| UN-No. (ADR)                              |  | 1170                                      |
| UN-No. (IMDG)                             |  | 1170                                      |
| UN-No. (IATA)                             |  | 1170                                      |
| UN-No. (ADN)                              |  | 1170                                      |
| UN-No. (RID)                              |  | 1170                                      |
| <b>14.2. UN proper shipping name</b>      |  |   |
| Proper Shipping Name (ADR)                |  | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) |
| Proper Shipping Name (IMDG)               |  | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) |
| Proper Shipping Name (IATA)               |  | Ethanol solution                          |
| Proper Shipping Name (ADN)                |  | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) |
| Proper Shipping Name (RID)                |  | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) |
| <b>14.3. Transport hazard class(es)</b>   |  |   |
| <b>ADR</b>                                |  |   |
| Transport hazard class(es) (ADR)          |  | 3   |
| Danger labels (ADR)                       |  | 3   |
| <b>IMDG</b>                               |  |   |
| Transport hazard class(es) (IMDG)         |  | 3   |
| Danger labels (IMDG)                      |  | 3   |
| <b>IATA</b>                               |  |   |
| Transport hazard class(es) (IATA)         |  | 3   |
| Hazard labels (IATA)                      |  | 3   |
| <b>ADN</b>                                |  |   |
| Transport hazard class(es) (ADN)          |  | 3   |
| Danger labels (ADN)                       |  | 3   |
| <b>RID</b>                                |  |   |
| Transport hazard class(es) (RID)          |  | 3   |
| Danger labels (RID)                       |  | 3   |
| <b>14.4. Packing group</b>                |  |   |
| Packing group (ADR)                       |  | III                                       |
| Packing group (IMDG)                      |  | III                                       |
| Packing group (IATA)                      |  | III                                       |
| Packing group (ADN)                       |  | III                                       |
| Packing group (RID)                       |  | III                                       |
| <b>14.5. Environmental hazards</b>        |  |   |
| Dangerous for the environment             |  | No  |
| Marine pollutant                          |  | No  |
| Other information                         |  | No supplementary information available.   |
| <b>14.6. Special precautions for user</b> |  |   |
| <b>Overland transport</b>                 |  |   |
| Classification code (ADR)                 |  | F1  |
| Special provisions (ADR)                  |  | 144, 601                                  |
| Limited quantities (ADR)                  |  | 5I  |
| Packing instructions (ADR)                |  | P001, IBC03, LP01, R001                   |



|  |                         |
|--|-------------------------|
| Hazard identification number (Kemler No.)    | 30                      |
| Tunnel restriction code (ADR)                | D/E                     |
| EAC code                                     | •2YE                    |
| <b>Transport by sea</b>                      |                         |
| Special provisions (IMDG)                    | 144, 223                |
| Limited quantities (IMDG)                    | 5 L                     |
| Packing instructions (IMDG)                  | P001, LP01              |
| EmS-No. (Fire)                               | F-E                     |
| EmS-No. (Spillage)                           | S-D                     |
| Stowage category (IMDG)                      | A                       |
| <b>Air transport</b>                         |                         |
| PCA Excepted quantities (IATA)               | E1                      |
| PCA Limited quantities (IATA)                | Y344                    |
| PCA limited quantity max net quantity (IATA) | 10L                     |
| PCA packing instructions (IATA)              | 355                     |
| PCA max net quantity (IATA)                  | 60L                     |
| CAO packing instructions (IATA)              | 366                     |
| CAO max net quantity (IATA)                  | 220L                    |
| Special provisions (IATA)                    | A3, A58, A180           |
| ERG code (IATA)                              | 3L                      |
| <b>Inland waterway transport</b>             |                         |
| Classification code (ADN)                    | F1                      |
| Special provisions (ADN)                     | 144, 601                |
| Limited quantities (ADN)                     | 5 L                     |
| Carriage permitted (ADN)                     | T                       |
| <b>Rail transport</b>                        |                         |
| Classification code (RID)                    | F1                      |
| Special provisions (RID)                     | 144, 601                |
| Packing instructions (RID)                   | P001, IBC03, LP01, R001 |
| Hazard identification number (RID)           | 30                      |

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

Not applicable

### 15. SECTION 15: Regulatory information

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

##### EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

|                                       |  |
|---------------------------------------|--|
| ethanol - Ethanediol                  | 3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008   |
| Screen Wash - Ready Mix P20 - ethanol | 3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F          |
| ethanol - Ethanediol                  | 3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |

ethanol 40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

**VOC (EU)** 28.51 %

**Other information, restriction and prohibition regulations** Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. Directive 94/33/EC on the protection of young people at work, as amended. For details, refer to section 3 and 8.

**REGULATION (EC) No. 648/2004 on detergents**

| Component                       | %  |
|---------------------------------|--|
| anionic surfactants             | <5%  |
| 2-BROMO-2-NITROPROPANE-1,3-DIOL |  |
| perfumes                        |  |
| <b>Seveso Information</b>       | P5c FLAMMABLE LIQUIDS<br>Flammable liquids, Categories 2 or 3 not covered by P5a and P5b |

**National regulations**

No additional information available.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

**16. SECTION 16: Other information**

**Indication of changes**

Section 1 - Section 16.

**Abbreviations and acronyms**

|        |   |
|--------|---|
| ADN    | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| ADR    | European Agreement concerning the International Carriage of Dangerous Goods by Road   |
| AGW    | Occupational exposure limit value   |
| ATE    | Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)  |
| BAM    | Federal Institute for Materials Research and Testing, Germany   |
| BAT    | Maximum permissible concentration of biological working substances.   |
| BCF    | Bio-concentration factor.   |
| BLV    | Biological limit values   |
| BLV    | Biological limit values (BGW, Austria)  |
| BMGV   | Biological Monitoring Guidance Value (EH40,UK).   |
| BOD5   | Biochemical oxygen demand within 5 days   |
| BOD    | Biochemical oxygen demand   |
| bw     | Body weight.  |
| calcd. | Calculated  |
| CAS    | Chemical Abstract Service.  |
| CEN    | European Committee for Standardization  |
| CESIO  | European Committee on Organic Surfactants and their Intermediates.  |
| COD    | Chemical oxygen demand  |
| CLP    | Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures. |

|                  |   |
|------------------|---|
| CMR              | Carcinogenic, Mutagenic or Reproduction Toxic Substances  |
| CSA              | Chemical safety assessment  |
| CSR              | Chemical Safety Report.   |
| DMEL             | Derived Minimum Effect Level.   |
| DNEL             | Derived no effect level   |
| EAC              | European waste catalogue  |
| EC               | European community  |
| EC50             | Effective concentration   |
| EINECS           | European Inventory of Existing Commercial Chemical Substances.  |
| ELINCS           | European List of Notified Chemical Substances.  |
| EN               | European norm.  |
| ERC              | ERC (Environmental Release category)  |
| EU               | European Union  |
| GLP              | Good Laboratory Practice.   |
| GHS              | Globally Harmonized System of Classification and Labeling of Chemicals.   |
| GW/VL            | Occupational exposure limit value.  |
| GW-kw/VL-cd      | Occupational exposure limit value - short term.   |
| GW-M/VL-M        | Occupational exposure limit value – "Ceiling".  |
| IATA             | International Air Transport Association   |
| IBC code         | International Bulk Chemical (Code) (International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk). |
| ICAO             | International Civil Aviation Organization   |
| IC50             | Inhibition Concentration 50%.   |
| IECSC            | Inventory of Existing Chemical Substances in China.   |
| IMDG             | International Maritime Dangerous Goods  |
| ISO              | International Standards Organization.   |
| IUPAC            | International Union of Pure and Applied Chemistry   |
| LC50             | Lethal Concentration 50%.   |
| LCLo             | Lowest published lethal concentration.  |
| LD50             | Lethal Dose 50%.  |
| LOAEL            | Lowest Observed Adverse Effect Level  |
| LOEC             | Lowest observable effect concentration.   |
| LOEL             | Lowest observable effect level.   |
| LQ               | Limited quantities  |
| TRK-Kzw          | Threshold limit value - Short-term exposure limit / Technical reference concentration - short-time value, Austria.                        |
| MAK-Mow          | Maximum allowable workplace concentration – instantaneous value, Austria.   |
| MAK-Tmw, TRK-Tmw | Maximum allowable workplace concentration – daily mean value / Technical standard concentration – daily mean value, Austria.              |
| MAK              | Threshold limit values Germany.   |
| MARPOL           | International Convention for the Prevention of Pollution from Ships.  |
| NOAEC            | No-Observed Adverse Effect Concentration  |
| NOAEL            | No-Observed Adverse Effect Level  |
| NOEC             | No-Observed Effect Concentration  |
| NOEL             | no-observed-effect level  |
| OECD             | Organisation for Economic Co-operation and Development  |
| OEL              | Occupational Exposure Limits  |

|                                |  |
|--------------------------------|--|
| PBT                            | Persistent Bioaccumulative Toxic   |
| PC (Chemical product category) | PC (Chemical product category)   |
| PNEC                           | Predicted No-Effect Concentration  |
| POCP                           | Photochemical ozone creation potential.  |
| POP                            | Persistent Organic Pollutants  |
| PPE                            | Personal protective equipment  |
| Process category               | Process category   |
| REACH                          | Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals). |
| RID                            | Regulations concerning the International Carriage of Dangerous Goods by Rail   |
| SCL                            | Specific concentration limit.  |
| STEL                           | Short-term Exposure Limit  |
| STP                            | Sewage treatment plant   |
| SU (Sector of use)             | SU (Sector of use)   |
| SVHC                           | Substance of Very High Concern.  |
| TLV                            | Threshold Limit Value  |
| TRGS                           | Technical Rules for Hazardous Substances (German Standard).  |
| TWA                            | Time Weighted Average  |
| UVCB                           | Substances of Unknown or Variable composition, Complex reaction products or Biological materials   |
| VbF                            | Ordinance on Flammable Liquids, Austria  |
| VOC                            | Volatile organic compounds   |
| vPvB                           | Very Persistent and Very Bioaccumulative   |
| WEL-TWA                        | Workplace Exposure Limit-Long term exposure limit (8-hour TWA(=time weighted average)reference period).  |
| WEL-STEL                       | Workplace Exposure Limit-Short term exposure limit (15-minute reference period).   |

**Data sources** 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006..

**Training advice** Normal use of this product shall imply use in accordance with the instructions on the packaging

#### Full text of H- and EUH-statements

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|                     |  |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4.                                 |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2.                     |
| Flam. Liq. 2        | Flammable liquids, Category 2.                                     |
| Flam. Liq. 3        | Flammable liquids, Category 3.                                     |
| STOT RE 2           | Specific target organ toxicity — Repeated exposure, Category 2.    |
| H225                | Highly flammable liquid and vapour.                                |
| H226                | Flammable liquid and vapour.                                       |
| H302                | Harmful if swallowed.  |
| H319                | Causes serious eye irritation.                                     |
| H373                | May cause damage to organs through prolonged or repeated exposure. |

#### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

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|              |      |                       |
|--------------|------|-----------------------|
| Flam. Liq. 3 | H226 | On basis of test data |
|--------------|------|-----------------------|

*The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.*

Attachment to the Safety Data Sheet



**Product Name:** Screen Wash - Ready Mix P20

**Ford Int. Ref. No.:** 198426

REVISION DATE: 11.12.2019

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**Involved Products:**

| Finiscode   | Part number   | Container Size: |
|-------------|---------------|-----------------|
| 1 2 168 316 | HAMJ M8B18 AA | 5 l             |