

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

### 1.1. Product identifier

Product form : Mixture  
 Product name : 1st GEAR FLEETWASH SUPER  
 Product group : Blend

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

#### 1.2.1. Relevant identified uses

No additional information available

#### 1.2.2. Uses advised against

No additional information available

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

RBR Supplies  
 13-15 James Watt Place, College Milton  
 East Kilbride, G74 5HG  
 Tel: 01355 244344 Fax: 01355 224433  
[sales@rbrsupplies.co.uk](mailto:sales@rbrsupplies.co.uk) - [www.rbrsupplies.co.uk](http://www.rbrsupplies.co.uk)

### 1.4. Emergency telephone number

Emergency number : 0844 892 0111

| Country | Organisation/Company  | Address                           | Emergency number        | Comment |
|---------|---|-----------------------------------|-------------------------|---------|
|         | National Poisons Information Service (Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham | 0844 892 0111 (UK only) |         |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 1A H314

Full text of H statements : see section 16

#### Classification according to Directive 67/548/EEC or 1999/45/EC

C; R35

Full text of R-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger  
 Hazardous ingredients : sodium hydroxide, caustic soda  
 Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage  
 Precautionary statements (CLP) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray  
 P264 - Wash ... thoroughly after handling  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
 P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

# 1st GEAR FLEETWASH SUPER

## Safety Data Sheet

contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER/doctor/...  
P321 - Specific treatment (see ... on this label)  
P405 - Store locked up  
P501 - Dispose of contents/container to ..

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixture

| Name  | Product identifier   | %                 | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|--|-------------------|--|--|
| RESAQUEST ECO CONC  |  | 9 - 19            | Not classified                                   | Not classified   |
| Sodium Lauryl Ether Sulphate  | (CAS No) 13150-00-0  | 4 - 10            | Xi; R36/38                                       | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319  |
| Dipropylene Glycol Monomethyl Ether(DPM)  | (CAS No) 34590-94-8<br>(EC no) 252-104-2<br>(REACH-no) 01-2119450011-60                            | 3 - 8             | Not classified                                   | Not classified   |
| sodium hydroxide, caustic soda  | (CAS No) 1310-73-2<br>(EC no) 215-185-5<br>(EC index no) 011-002-00-6                              | 3.2 - 7.2         | C; R35   | Skin Corr. 1A, H314  |
| Water   | (CAS No) 7732-18-5<br>(EC no) 231-791-2  | 0.6 - 2.52        | Not classified                                   | Not classified   |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,Ndimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts     | (EC no) 931-296-8<br>(REACH-no) 01-2119488533-30   | 0.48 - 2.1        | Xi; R41  | Eye Dam. 1, H318   |
| Silixanes and Silicones, 3-[[2-aminoethyl]amino]propyl Me, di Me  | (CAS No) 7150-79-3   | 0.082935 - 0.97   | Xi; R41<br>Xi; R38                               | Skin Irrit. 2, H315<br>Eye Dam. 1, H318  |
| Oxirane, 2-methyl-, polymer with oxirane, mono[3-[1,3,3,3-tetramethyl-1-[[trimethylsilyl]oxy]-1-disiloxanyl]propyl] ether | (CAS No) 134180-76-0   | 0.036 - 0.648     | Xn; R21/22<br>Xi; R36<br>R52/53                  | Not classified   |
| Poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-[3-[1,3,3,3-tetramethyl-1-[[trimethylsilyl]oxy]-1-disiloxanyl]propoxy]-  | (CAS No) 27306-78-1  | 0.0055 - 0.099    | Xn; R20/21<br>Xi; R36<br>R52/53                  | Not classified   |
| Poly(oxy-1,2-ethanediyl), .alpha.-methyl-.omega.-(2-propen-1-yloxy)-  | (CAS No) 27252-80-8  | 0.0045 - 0.081    | Xn; R22  | Not classified   |
| Octamethylcyclotetrasiloxane  | (CAS No) 556-67-2<br>(EC no) 209-136-7   | 0.003996 - 0.0541 | Not classified                                   | Repr. 2, H361f<br>Aquatic Chronic 4, H413  |
| Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides  | (CAS No) 308062-28-4<br>(EC no) 931-292-6<br>(REACH-no) 01-2119490061-47                           |                   | Xn; R22<br>Xi; R41<br>Xi; R38<br>N; R50          | Not classified   |
| methanol  | (CAS No) 67-56-1<br>(EC no) 200-659-6<br>(EC index no) 603-001-00-X<br>(REACH-no) 01-2119433307-44 |                   | F; R11<br>T; R23/24/25<br>T; R39/23/24/25        | Flam. Liq. 2, H225<br>Acute Tox. 3 (Inhalation), H331<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Oral), H301<br>STOT SE 1, H370 |

#### Specific concentration limits:

| Name                           | Product identifier   | Specific concentration limits: DSD/DPD   | Specific concentration limits: CLP  |
|--------------------------------|--|--|---|
| sodium hydroxide, caustic soda | (CAS No) 1310-73-2<br>(EC no) 215-185-5<br>(EC index no) 011-002-00-6                              | (0.5 =< C < 2) Xi;R36/38<br>(2 =< C < 5) C;R34<br>(C >= 5) C;R35   | ( 0.5 =<C < 2) Eye Irrit. 2, H319<br>( 0.5 =<C < 2) Skin Irrit. 2, H315<br>( 2 =<C < 5) Skin Corr. 1B, H314<br>(C >= 5) Skin Corr. 1A, H314 |
| methanol                       | (CAS No) 67-56-1<br>(EC no) 200-659-6<br>(EC index no) 603-001-00-X<br>(REACH-no) 01-2119433307-44 | (3 =< C < 20) Xn;R20/21/22<br>(3 =< C < 10) Xn;R68/20/21/22<br>(C >= 10) T;R39/23/24/25<br>(C >= 20) T;R23/24/25 | ( 3 =<C < 10) STOT SE 2, H371<br>(C >= 10) STOT SE 1, H370  |

Full text of R- and H-phrases: see section 16

# 1st GEAR FLEETWASH SUPER

## Safety Data Sheet

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
- First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

- Symptoms/injuries after skin contact : Burns.
- Symptoms/injuries after eye contact : Serious damage to eyes.
- Symptoms/injuries after ingestion : Burns.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

- Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

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

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

##### 6.1.2. 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".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. 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

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Dipropylene Glycol Monomethyl Ether(DPM) (34590-94-8) |                                 |                       |
|---|---------------------------------|-----------------------|
| EU  | IOELV TWA (mg/m <sup>3</sup> )  | 375 mg/m <sup>3</sup> |
| EU  | IOELV TWA (ppm)                 | 100 ppm               |
| EU  | IOELV STEL (mg/m <sup>3</sup> ) | 568 mg/m <sup>3</sup> |

# 1st GEAR FLEETWASH SUPER

## Safety Data Sheet

| Dipropylene Glycol Monomethyl Ether(DPM) (34590-94-8) |                                 |                                 |
|---|---------------------------------|---------------------------------|
| EU  | IOELV STEL (ppm)                | 150 ppm                         |
| United Kingdom  | WEL TWA (mg/m <sup>3</sup> )    | 375 mg/m <sup>3</sup>           |
| United Kingdom  | WEL TWA (ppm)                   | 100 ppm                         |
| United Kingdom  | WEL STEL (mg/m <sup>3</sup> )   | 568 mg/m <sup>3</sup>           |
| United Kingdom  | WEL STEL (ppm)                  | 100 ppm                         |
| methanol (67-56-1)                                    |                                 |                                 |
| EU  | IOELV TWA (mg/m <sup>3</sup> )  | 266 mg/m <sup>3</sup> (8 hours) |
| EU  | IOELV TWA (ppm)                 | 200 ppm (8 hours)               |
| EU  | IOELV STEL (mg/m <sup>3</sup> ) | 333 mg/m <sup>3</sup> (15 mins) |
| EU  | IOELV STEL (ppm)                | 250 ppm (15 mins)               |
| sodium hydroxide, caustic soda (1310-73-2)            |                                 |                                 |
| EU  | IOELV STEL (mg/m <sup>3</sup> ) | 2 mg/m <sup>3</sup>             |
| United Kingdom  | WEL TWA (mg/m <sup>3</sup> )    | 2 mg/m <sup>3</sup>             |
| United Kingdom  | WEL STEL (mg/m <sup>3</sup> )   | 2 mg/m <sup>3</sup>             |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Appearance                                 | : Blue Liquid.      |
| Colour                                     | : dark blue.        |
| Odour                                      | : Mild Detergent.   |
| Odour threshold                            | : No data available |
| pH   | : 13.5              |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point                              | : Not applicable    |
| Freezing point                             | : No data available |
| Boiling point                              | : 100 °C            |
| Flash point                                | : Not Applicable    |
| Self ignition temperature                  | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : Not applicable    |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : No data available |
| Density                                    | : 1.1 g/l           |
| Solubility                                 | : Soluble.          |
| Log Pow                                    | : No data available |
| Viscosity, kinematic                       | : No data available |
| Viscosity, dynamic                         | : No data available |

# 1st GEAR FLEETWASH SUPER

## Safety Data Sheet

Explosive properties : No data available  
Oxidising properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| methanol (67-56-1)         |               |
|----------------------------|---------------|
| LD50 oral rat              | ≥ 1187 mg/kg  |
| LD50 dermal rabbit         | ~ 17100 mg/kg |
| LC50 inhalation rat (mg/l) | 128.2 mg/l/4h |

Skin corrosion/irritation : Causes severe skin burns and eye damage.  
pH: 13.5

Serious eye damage/irritation : Eye damage, category 1, implicit  
pH: 13.5

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

| methanol (67-56-1)             |  |
|--------------------------------|--|
| LC50 fishes 1                  | 15400 mg/l (Lepomis macrochirus (Bluegill) 96 hours)   |
| EC50 Daphnia 1                 | ≥ 10000 mg/l (48 hours)                                |
| EC50 other aquatic organisms 1 | ~ 22000 mg/l (Pseudokirchneriella succinata, 96 hours) |

| sodium hydroxide, caustic soda (1310-73-2) |                                      |
|--|--------------------------------------|
| LC50 fishes 1                              | 125 mg/l Gambusia affinis            |
| LC50 fish 2                                | 145 mg/l (Poecilia reticulata; 24 h) |
| EC50 Daphnia 1                             | 76 mg/l (Daphnia magna; 24 h)        |

### 12.2. Persistence and degradability

| Dipropylene Glycol Monomethyl Ether(DPM) (34590-94-8) |                  |
|---|------------------|
| Persistence and degradability                         | Not established. |

# 1st GEAR FLEETWASH SUPER

## Safety Data Sheet

|   |  |
|---|--|
| <b>methanol (67-56-1)</b>   |  |
| Persistence and degradability   | Readily biodegradable.   |
| <b>Silixanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di Me (7150-79-3)</b> |  |
| Persistence and degradability   | Not established.   |
| <b>12.3. Bioaccumulative potential</b>  |  |
| <b>Dipropylene Glycol Monomethyl Ether(DPM) (34590-94-8)</b>                        |  |
| Bioaccumulative potential   | Not established.   |
| <b>methanol (67-56-1)</b>   |  |
| Log Pow   | -0.7   |
| Bioaccumulative potential   | The product has low potential for bioaccumulation.               |
| <b>Silixanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di Me (7150-79-3)</b> |  |
| Bioaccumulative potential   | Not established.   |
| <b>12.4. Mobility in soil</b>   |  |
| <b>methanol (67-56-1)</b>   |  |
| Ecology - soil  | The product is miscible with water. May spread in water systems. |
| <b>12.5. Results of PBT and vPvB assessment</b>                                     |  |
| No additional information available   |  |
| <b>12.6. Other adverse effects</b>  |  |
| No additional information available   |  |
| <b>SECTION 13: Disposal considerations</b>  |  |
| <b>13.1. Waste treatment methods</b>  |  |
| No additional information available   |  |
| <b>SECTION 14: Transport information</b>  |  |
| In accordance with ADR / RID / IMDG / IATA  |  |
| <b>14.1. UN number</b>  |  |
| UN-No. (ADR)  | : Not applicable   |
| UN-No. (IMDG)   | : Not applicable   |
| UN-No.(IATA)  | : Not applicable   |
| UN-No.(ADN)   | : Not applicable   |
| UN-No. (RID)  | : Not applicable   |
| <b>14.2. UN proper shipping name</b>  |  |
| Proper Shipping Name (ADR)  | : Not applicable   |
| Proper Shipping Name (IMDG)   | : Not applicable   |
| Proper Shipping Name (IATA)   | : Not applicable   |
| Proper Shipping Name (ADN)  | : Not applicable   |
| Proper Shipping Name (RID)  | : Not applicable   |
| <b>14.3. Transport hazard class(es)</b>   |  |
| <b>ADR</b>  |  |
| Transport hazard class(es) (ADR)  | : Not applicable   |
| <b>IMDG</b>   |  |
| Transport hazard class(es) (IMDG)   | : Not applicable   |
| <b>IATA</b>   |  |
| Transport hazard class(es) (IATA)   | : Not applicable   |
| <b>ADN</b>  |  |
| Transport hazard class(es) (ADN)  | : Not applicable   |
| <b>RID</b>  |  |
| Transport hazard class(es) (RID)  | : Not applicable   |
| <b>14.4. Packing group</b>  |  |
| Packing group (ADR)   | : Not applicable   |
| Packing group (IMDG)  | : Not applicable   |

# 1st GEAR FLEETWASH SUPER

## Safety Data Sheet

|                      |                  |
|----------------------|------------------|
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : Not applicable |
| Packing group (RID)  | : Not applicable |

### 14.5. Environmental hazards

|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : No                                     |
| Marine pollutant              | : No                                     |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

#### - Overland transport

Not applicable

#### - Transport by sea

Not applicable

#### - Air transport

Not applicable

#### - Inland waterway transport

Not applicable

#### - Rail transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of R-, H- and EUH-phrases::

|                           |   |
|---------------------------|---|
| Acute Tox. 3 (Dermal)     | Acute toxicity (dermal), Category 3                               |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3                               |
| Acute Tox. 3 (Oral)       | Acute toxicity (oral), Category 3                                 |
| Aquatic Chronic 4         | Hazardous to the aquatic environment — Chronic Hazard, Category 4 |
| Eye Dam. 1                | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2              | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 2              | Flammable liquids, Category 2                                     |
| Repr. 2                   | Reproductive toxicity, Category 2                                 |
| Skin Corr. 1A             | Skin corrosion/irritation, Category 1A                            |
| Skin Irrit. 2             | Skin corrosion/irritation, Category 2                             |
| STOT SE 1                 | Specific target organ toxicity — single exposure, Category 1      |
| H225                      | Highly flammable liquid and vapour                                |
| H301                      | Toxic if swallowed  |
| H311                      | Toxic in contact with skin  |
| H314                      | Causes severe skin burns and eye damage                           |
| H315                      | Causes skin irritation  |
| H318                      | Causes serious eye damage   |
| H319                      | Causes serious eye irritation                                     |

# 1st GEAR FLEETWASH SUPER

## Safety Data Sheet

|              |  |
|--------------|--|
| H331         | Toxic if inhaled   |
| H361f        | Suspected of damaging fertility  |
| H370         | Causes damage to organs  |
| H413         | May cause long lasting harmful effects to aquatic life   |
| R11          | Highly flammable   |
| R20/21       | Harmful by inhalation and in contact with skin   |
| R21/22       | Harmful in contact with skin and if swallowed  |
| R22          | Harmful if swallowed   |
| R23/24/25    | Toxic by inhalation, in contact with skin and if swallowed   |
| R35          | Causes severe burns  |
| R36          | Irritating to eyes   |
| R36/38       | Irritating to eyes and skin  |
| R38          | Irritating to skin   |
| R39/23/24/25 | Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed |
| R41          | Risk of serious damage to eyes   |
| R50          | Very toxic to aquatic organisms  |
| R52/53       | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment                 |
| C            | Corrosive  |
| F            | Highly flammable   |
| N            | Dangerous for the environment  |
| T            | Toxic  |
| Xi           | Irritant   |
| Xn           | Harmful  |

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*