

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : 2WORK RINSE AID  
 Product code : 2W06302  
 Type of product : Detergent  
 Product group : Mixture

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

##### 1.2.1. Relevant identified uses

Main use category : Professional uses  
 Industrial/Professional use spec : Industrial  
 For professional use only  
 Use of the substance/mixture : Cleaning/washing agents and additives

##### 1.2.2. Uses advised against

No additional information available

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

EVO BUSINESS SUPPLIES LIMITED  
 1ST FLOOR, 1 EUROPA DRIVE  
 SHEFFIELD  
 ENGLAND  
 S9 1XT  
 info@evo-group.co.uk

#### 1.4. Emergency telephone number

| Country        | Official advisory body   | Address                                  | Emergency number   | Comment |
|----------------|--|--|--|---------|
| Ireland        | National Poisons Information Centre<br>Beaumont Hospital                     | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-<br>24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |
| United Kingdom | National Poisons Information Service<br>(Birmingham Centre)<br>City Hospital | Dudley Road<br>B18 7QH Birmingham        | 0344 892 0111  |         |

### SECTION 2: Hazards identification

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

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

Skin Corr. 1 H314

Full text of hazard classes and H-statements : see section 16

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

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

CLP Signal word

: Danger

Contains

: Alcohols, C9-11, ethoxylated

Hazard statements (CLP)

: H314 - Causes severe skin burns and eye damage.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P280 - Wear eye protection, protective gloves.  
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P313 - Get medical advice/attention.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362 - Take off contaminated clothing.

### 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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name   | Product identifier  | %     | Classification according to Regulation (EC) No. 1272/2008 [CLP]              |
|--|---|-------|--|
| sulphamidic acid; sulphamic acid; sulfamic acid  | (CAS-no) 5329-14-6<br>(Einecs nr) 226-218-8<br>(EG annex nr) 016-026-00-0                               | 3 – 5 | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412         |
| Diethylene glycol monobutyl ether<br>substance with national workplace exposure limit(s)<br>(IE, GB); substance with a Community workplace<br>exposure limit | (CAS-no) 112-34-5<br>(Einecs nr) 203-961-6<br>(EG annex nr) 603-096-00-8<br>(REACH-no) 01-2119475104-44 | 3 – 5 | Eye Irrit. 2, H319   |
| Alcohols, C9-11, ethoxylated   | (CAS-no) 68439-46-3   | 1 – 3 | Acute Tox. 4 (Oral), H302<br>(ATE=2000 mg/kg bodyweight)<br>Eye Dam. 1, H318 |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General advice : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

Ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Acute effects skin : mild skin irritation.

Acute effects eyes : May cause eye irritation. Redness.

Acute effects oral route : May cause irritation to the digestive tract.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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### SECTION 6: Accidental release measures

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

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

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Absorb spillage to prevent material damage.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

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

Storage conditions : Keep container tightly closed.

Incompatible products : Strong bases.

Incompatible materials : Direct sunlight.

Packaging materials : polyethylene. stainless steel.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

| Diethylene glycol monobutyl ether (112-34-5)              |                                       |
|---|---------------------------------------|
| <b>EU - Indicative Occupational Exposure Limit (IOEL)</b> |                                       |
| Local name  | 2-(2-Butoxyethoxy)ethanol             |
| IOEL TWA  | 67.5 mg/m <sup>3</sup>                |
| IOEL TWA [ppm]  | 10 ppm                                |
| IOEL STEL   | 101.2 mg/m <sup>3</sup>               |
| IOEL STEL [ppm]   | 15 ppm                                |
| Regulatory reference                                      | COMMISSION DIRECTIVE 2006/15/EC       |
| <b>Ireland - Occupational Exposure Limits</b>             |                                       |
| Local name  | 2-(2-Butoxyethoxy)ethanol             |
| OEL TWA [1]   | 67.5 mg/m <sup>3</sup>                |
| OEL TWA [2]   | 10 ppm                                |
| OEL STEL  | 101.2 mg/m <sup>3</sup>               |
| OEL STEL [ppm]  | 15 ppm                                |
| Notes (IE)  | IOELV                                 |
| Regulatory reference                                      | Chemical Agents Code of Practice 2020 |
| <b>United Kingdom - Occupational Exposure Limits</b>      |                                       |
| Local name  | 2-(2-Butoxyethoxy)ethanol             |
| WEL TWA (OEL TWA) [1]                                     | 67.5 mg/m <sup>3</sup>                |
| WEL TWA (OEL TWA) [2]                                     | 10 ppm                                |

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| Diethylene glycol monobutyl ether (112-34-5) |                                       |
|--|---------------------------------------|
| WEL STEL (OEL STEL)                          | 101.2 mg/m <sup>3</sup>               |
| WEL STEL (OEL STEL) [ppm]                    | 15 ppm                                |
| Regulatory reference                         | EH40/2005 (Fourth edition, 2020). HSE |

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. Safety glasses. Avoid all unnecessary exposure.

#### Personal protective equipment symbol(s):



### 8.2.2.1. Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

### 8.2.2.2. Skin protection

#### Hand protection:

Wear protective gloves.

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Not required

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|                     |                 |
|---------------------|-----------------|
| Physical state      | : Liquid        |
| Colour              | : Blue.         |
| Physical state/form | : Liquid.       |
| Odour               | : Slight.       |
| Odour threshold     | : Not available |
| Melting point/range | : 0 °C          |
| Freezing point      | : Not available |

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|   |                     |
|---|---------------------|
| Boiling point/Boiling range                     | : 100 °C            |
| Flammability                                    | : Non flammable.    |
| Explosive limits                                | : Not available     |
| Lower explosive limit (LEL)                     | : Not available     |
| Upper explosive limit (UEL)                     | : Not available     |
| Flash point                                     | : Not available     |
| Autoignition temperature                        | : Not available     |
| Decomposition temperature                       | : Not available     |
| pH  | : 1                 |
| Viscosity, kinematic                            | : Not available     |
| Solubility                                      | : soluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not available     |
| Vapour pressure                                 | : Not available     |
| Vapour pressure at 50 °C                        | : Not available     |
| Density   | : Not available     |
| Relative density                                | : 1.024             |
| Relative vapour density at 20 °C                | : Not available     |
| Particle size                                   | : Not applicable    |
| Particle size distribution                      | : Not applicable    |
| Particle shape                                  | : Not applicable    |
| Particle aspect ratio                           | : Not applicable    |
| Particle aggregation state                      | : Not applicable    |
| Particle agglomeration state                    | : Not applicable    |
| Particle specific surface area                  | : Not applicable    |
| Particle dustiness                              | : Not applicable    |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 0 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 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

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

### Diethylene glycol monobutyl ether (112-34-5)

|                                   |                       |
|-----------------------------------|-----------------------|
| LD50 oral rat                     | 6600 mg/kg bodyweight |
| LD50 dermal rabbit                | 2764 mg/kg bodyweight |
| LC50 Inhalation - Rat (Dust/Mist) | > 196 mg/l            |

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### Alcohols, C9-11, ethoxylated (68439-46-3)

|               |                            |
|---------------|----------------------------|
| LD50 oral rat | > 300 ( $\leq$ 2000) mg/kg |
|---------------|----------------------------|

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes severe skin burns.<br>pH: 1                               |
| Serious eye damage/irritation     | : Assumed to cause serious eye damage<br>pH: 1                     |
| Respiratory or skin sensitisation | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Germ cell mutagenicity            | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Carcinogenicity                   | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Reproductive toxicity             | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| STOT-single exposure              | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure            | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Aspiration hazard                 | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

#### 11.2.2 Other information

|   |  |
|---|--|
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |
|---|--|

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |                  |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

### Diethylene glycol monobutyl ether (112-34-5)

|                                    |                       |
|------------------------------------|-----------------------|
| LC50 - Fish [1]                    | > 100 mg/l            |
| EC50 - Crustacea [1]               | > 1000 mg/l           |
| EC50 - Other aquatic organisms [1] | > 1000 mg/l waterflea |
| EC50 - Other aquatic organisms [2] | > 100 mg/l            |
| ErC50 algae                        | > 100 mg/l            |

### Alcohols, C9-11, ethoxylated (68439-46-3)

|                 |             |
|-----------------|-------------|
| LC50 - Fish [1] | 1 – 10 mg/l |
| LC50 - Fish [2] | 1 – 10 mg/l |

### 12.2. Persistence and degradability

#### RINSE AID

|                               |   |
|-------------------------------|---|
| Persistence and degradability | Biodegradable. The surfactant(s) contained in this preparation 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. |
|-------------------------------|---|

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### Diethylene glycol monobutyl ether (112-34-5)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |
|-------------------------------|------------------------|

#### 12.3. Bioaccumulative potential

##### RINSE AID

|                           |                     |
|---------------------------|---------------------|
| Bioaccumulative potential | No bioaccumulation. |
|---------------------------|---------------------|

### Diethylene glycol monobutyl ether (112-34-5)

|         |      |
|---------|------|
| Log Pow | 0.56 |
|---------|------|

|                           |                     |
|---------------------------|---------------------|
| Bioaccumulative potential | No bioaccumulation. |
|---------------------------|---------------------|

#### 12.4. Mobility in soil

No additional information available

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

##### RINSE AID

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. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Waste / unused products : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

| ADR                                     | IMDG          | IATA          |
|---|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |
| Not regulated                           | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |
| Not regulated                           | Not regulated | Not regulated |
| No supplementary information available  |               |               |

#### 14.6. Special precautions for user

##### Overland transport

Not regulated

##### Transport by sea

Not regulated

##### Air transport

Not regulated

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### 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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 0 g/l

| Detergent Regulation (648/2004/EC): Labelling of contents: |       |
|--|-------|
| Component  | %     |
| non-ionic surfactants                                      | 5-15% |

##### 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

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.

Other information : None.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Skin Corr. 1                        | Skin corrosion/irritation, Category 1                             |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| H302                                | Harmful if swallowed.   |
| H314                                | Causes severe skin burns and eye damage.                          |
| H315                                | Causes skin irritation.   |
| H318                                | Causes serious eye damage.  |
| H319                                | Causes serious eye irritation.                                    |
| H412                                | Harmful to aquatic life with long lasting effects.                |

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

|              |      |                       |
|--------------|------|-----------------------|
| Skin Corr. 1 | H314 | On basis of test data |
|--------------|------|-----------------------|

Safety Data Sheet (SDS), EU

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.