



# 2WORK EXTRACTION CARPET CLEANER

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date first issue: 22/07/2010 Review date: 24/09/2020 Supersedes: 29/10/2019 Version: 8.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : 2WORK EXTRACTION CARPET CLEANER  
Product code : 2W06303  
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 : Industrial use, Professional use  
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  
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage.  
Precautionary statements (CLP) : P102 - Keep out of reach of children.  
P280 - Wear protective gloves, eye protection.  
P260 - Do not breathe spray.  
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 or 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 contact lenses, if present and easy to do. Continue rinsing.  
EUH-statements : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one (BIT). May produce an allergic reaction.

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### 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]  |
|--|--|---------|--|
| Alcohols, C9-11, ethoxylated   | (CAS-no) 68439-46-3  | 1 – 3   | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318  |
| Beta-alanine, N-(2-carboxyethyl)-,N-coco alkyl derivs., disodium salts | (CAS-no) 90170-43-7<br>(Einecs nr) 290-476-8<br>(REACH-no) 01-2119976233-35                              | 1 – 3   | Eye Irrit. 2, H319   |
| Sodium hydroxide   | (CAS-no) 1310-73-2<br>(Einecs nr) 215-185-5<br>(EG annex nr) 011-002-00-6<br>(REACH-no) 01-2119457892-27 | 0.1 – 1 | Skin Corr. 1A, H314<br>Eye Dam. 1, H318<br>Met. Corr. 1, H290  |
| 1,2-benzisothiazol-3(2H)-one (BIT)                                     | (CAS-no) 2634-33-5<br>(Einecs nr) 220-120-9<br>(EG annex nr) 613-088-00-6<br>(REACH-no) 01-2120761540-60 | < 0.1   | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=10) |

### Specific concentration limits:

| Name                               | Product identifier   | Specific concentration limits   |
|------------------------------------|--|---|
| Sodium hydroxide                   | (CAS-no) 1310-73-2<br>(Einecs nr) 215-185-5<br>(EG annex nr) 011-002-00-6<br>(REACH-no) 01-2119457892-27 | ( 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>( 5 ≤ C < 100) Skin Corr. 1A, H314 |
| 1,2-benzisothiazol-3(2H)-one (BIT) | (CAS-no) 2634-33-5<br>(Einecs nr) 220-120-9<br>(EG annex nr) 613-088-00-6<br>(REACH-no) 01-2120761540-60 | ( 0.05 ≤ C < 100) Skin Sens. 1, H317  |

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 inhalation | : May cause shortness of breath, tightness of the chest, a sore throat and cough. |
| Acute effects skin       | : Causes skin irritation. Red skin.   |
| Acute effects eyes       | : Causes serious eye damage. redness, itching, tears.                             |
| Acute effects oral route | : May cause irritation to the digestive tract. Abdominal pain, nausea.            |

### 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.

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### 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.

## 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.

### 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 : Store in a cool, well-ventilated place. Keep container tightly closed.
- Incompatible products : Strong acids.
- 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

| Sodium hydroxide (1310-73-2)                  |                                       |
|---|---------------------------------------|
| Ireland - Occupational Exposure Limits        |                                       |
| Local name                                    | Sodium hydroxide                      |
| OEL (15 min ref) (mg/m <sup>3</sup> )         | 2 mg/m <sup>3</sup>                   |
| Regulatory reference                          | Chemical Agents Code of Practice 2020 |
| United Kingdom - Occupational Exposure Limits |                                       |
| Local name                                    | Sodium hydroxide                      |
| WEL STEL (mg/m <sup>3</sup> )                 | 2 mg/m <sup>3</sup>                   |
| Regulatory reference                          | EH40/2005 (Fourth edition, 2020). HSE |

### 8.2. Exposure controls

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear protective gloves.

#### Eye protection:

Chemical goggles or safety glasses

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### Protective equipment:

Wear suitable protective clothing

### Respiratory protection:

Not required

### 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            |
| Physical state/form                        | : Liquid.           |
| Colour                                     | : Blue-green.       |
| Odour                                      | : Floral.           |
| Odour threshold                            | : No data available |
| pH   | : 13 – 13.5         |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point/range                        | : 0 °C              |
| Freezing point                             | : No data available |
| Boiling point/Boiling range                | : 100 °C            |
| Flash point                                | : No data available |
| Autoignition temperature                   | : No data available |
| Decomposition temperature                  | : No data available |
| Flammability (solid, gas)                  | : Non flammable.    |
| Vapour pressure                            | : No data available |
| Relative vapour density at 20 °C           | : No data available |
| Relative density                           | : 1.035             |
| Solubility                                 | : Soluble in water. |
| Log Pow                                    | : No data available |
| Viscosity, kinematic                       | : No data available |
| Viscosity, dynamic                         | : No data available |
| 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

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 acids.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

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### Sodium hydroxide (1310-73-2)

|                |                       |
|----------------|-----------------------|
| ATE CLP (oral) | 2000 mg/kg bodyweight |
|----------------|-----------------------|

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

|                |                       |
|----------------|-----------------------|
| LD50 oral rat  | > 300 (≤ 2000) mg/kg  |
| ATE CLP (oral) | 2000 mg/kg bodyweight |

### 1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

|                  |                       |
|------------------|-----------------------|
| LD50 oral        | 490 mg/kg bodyweight  |
| LD50 dermal rat  | 2000 mg/kg bodyweight |
| ATE CLP (oral)   | 670 mg/kg bodyweight  |
| ATE CLP (dermal) | 5000 mg/kg bodyweight |

|   |   |
|---|---|
| Skin corrosion/irritation                           | : Causes severe skin burns.<br>pH: 13 – 13.5                        |
| Additional information                              | : Based on available data, the classification criteria are not met  |
| Serious eye damage/irritation                       | : Assumed to cause serious eye damage<br>pH: 13 – 13.5              |
| Additional information                              | : Based on available data, the classification criteria are not met  |
| 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  |
| 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 |

### Sodium hydroxide (1310-73-2)

|                                |                          |
|--------------------------------|--------------------------|
| LC50 fish 1                    | > 35 mg/l                |
| EC50 Daphnia 1                 | 40.4 mg/l (Ceriodaphnia) |
| EC50 other aquatic organisms 1 | > 33 mg/l waterflea      |

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

|             |             |
|-------------|-------------|
| LC50 fish 1 | 1 – 10 mg/l |
| LC50 fish 2 | 1 – 10 mg/l |

### 1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

|                        |            |
|------------------------|------------|
| LC50 fish 1            | 1.3 mg/l   |
| EC50 Daphnia 1         | 2.94 mg/l  |
| ErC50 (algae)          | 0.084 mg/l |
| NOEC chronic fish      | 0.74 mg/l  |
| NOEC chronic crustacea | 0.7 mg/l   |
| NOEC chronic algae     | 0.043 mg/l |

### 12.2. Persistence and degradability

#### COMET

|                               |   |
|-------------------------------|---|
| 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. |
|-------------------------------|---|

### Sodium hydroxide (1310-73-2)

|                               |                 |
|-------------------------------|-----------------|
| Persistence and degradability | Not applicable. |
|-------------------------------|-----------------|

### 12.3. Bioaccumulative potential

#### COMET

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

### Sodium hydroxide (1310-73-2)

|                           |                     |
|---------------------------|---------------------|
| Log Pow                   | -3.88               |
| Bioaccumulative potential | No bioaccumulation. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

#### COMET

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

Additional information : Avoid release to the environment.

## 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 / RID / IMDG / IATA / ADN

| ADR                                     | IMDG          | IATA          |
|---|---------------|---------------|
| <b>14.1. UN 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 |

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### 14.4. Packing group

|               |               |               |
|---------------|---------------|---------------|
| Not regulated | Not regulated | Not regulated |
|---------------|---------------|---------------|

### 14.5. Environmental hazards

|               |               |               |
|---------------|---------------|---------------|
| 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. 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 REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list  $\geq 0,1\%$  / SCL

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

Allergenic fragrances > 0,01%:

LINALOOL  
CITRONELLOL  
AMYL CINNAMAL

Detergent Regulation (648/2004/EC): Labelling of contents:

| Component             | %   |
|-----------------------|-----|
| non-ionic surfactants | <5% |
| optical brighteners   |     |
| BENZISOTHIAZOLINONE   |     |
| perfumes              |     |
| LINALOOL              |     |
| CITRONELLOL           |     |

#### 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 Acute 1     | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1                   |

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|               |  |
|---------------|--|
| Eye Irrit. 2  | Serious eye damage/eye irritation, Category 2                                  |
| Met. Corr. 1  | Corrosive to metals, Category 1  |
| Skin Corr. 1  | Skin corrosion/irritation, Category 1  |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A                         |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1, Sub-Category 1B                         |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2  |
| Skin Sens. 1  | Skin sensitisation, Category 1   |
| H290          | May be corrosive to metals.  |
| H302          | Harmful if swallowed.  |
| H314          | Causes severe skin burns and eye damage.                                       |
| H315          | Causes skin irritation.  |
| H317          | May cause an allergic skin reaction.   |
| H318          | Causes serious eye damage.   |
| H319          | Causes serious eye irritation.   |
| H400          | Very toxic to aquatic life.  |
| EUH208        | Contains 1,2-benzisothiazol-3(2H)-one (BIT). May produce an allergic reaction. |

### 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 |
|--------------|------|-----------------------|

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.