

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 28/11/2017 Revision date: 19/08/2021 Supersedes version of: 21/07/2020 Version: 5.1

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Diadem Washing Up Liquid  
UFI : F5WC-80NA-K004-TGU6

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Use of the substance/mixture : Cleaning Product

##### 1.2.2. Uses advised against

Restrictions on use : Anything other than intended use as listed on the label.

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

##### Supplier

North Lancs Disposables  
Unit 1  
Burrow Rural Workshops  
Woodman Lane  
Carnforth  
LA6 2RL  
Tel: 08446 933257  
E-mail: mail@northlancsdisposables.com

#### 1.4. Emergency telephone number

Emergency number : 08446 933257  
Office hours 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 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412  
Full text of H-statements: see section 16

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

Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Contains :

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine; Amides, C8-18(even numbered) and C18(unsatd.), n,n-bis(hydroxyethyl); Sodium C10-13 Alkyl Benzenesulfonate; Sodium C14-16 Olefin Sulfonate

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                                |  |
|--------------------------------|--|
| Hazard statements (CLP)        | : H315 - Causes skin irritation.<br>H319 - Causes serious eye irritation.<br>H412 - Harmful to aquatic life with long lasting effects.   |
| Precautionary statements (CLP) | : P280 - Wear eye protection, protective gloves.<br>P302+P352 - IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P332+P313 - If skin irritation occurs: Get medical advice/attention.<br>P337+P313 - If eye irritation persists: Get medical advice/attention. |

### 2.3. Other hazards

No additional information available

## 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]  |
|--|--|------------|--|
| Amides, C8-18(even numbered) and C18(unsatd.), n,n-bis(hydroxyethyl)           | (EC-No.) 931-329-6<br>(REACH-no) 01-2119490100-53                          | ≥ 1 – < 10 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411   |
| Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine | (CAS-No.) 121617-08-1<br>(EC-No.) 939-464-2<br>(REACH-no) 01-2119971970-28 | ≥ 1 – < 10 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411   |
| Sodium C14-16 Olefin Sulfonate   | (EC-No.) 931-534-0<br>(REACH-no) 01-2119513401-57                          | ≥ 1 – < 10 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318  |
| Sodium C10-13 Alkyl Benzenesulfonate   | (CAS-No.) 68411-30-3<br>(EC-No.) 270-115-0<br>(REACH-no) 01-2119489428-22  | ≥ 1 – < 10 | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 2, H411  |
| bronopol (INN); 2-bromo-2-nitropropane-1,3-diol                                | (CAS-No.) 52-51-7<br>(EC-No.) 200-143-0<br>(EC Index-No.) 603-085-00-8     | < 1        | Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Oral), H302<br>STOT SE 3, H335<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=10) |

#### Specific concentration limits:

| Name                                 | Product identifier  | Specific concentration limits            |
|--------------------------------------|---|--|
| Sodium C10-13 Alkyl Benzenesulfonate | (CAS-No.) 68411-30-3<br>(EC-No.) 270-115-0<br>(REACH-no) 01-2119489428-22 | ( 65 ≤C < 100) Acute Tox. 4 (Oral), H302 |

Comments : Hazard Classification is based on confirmation of specific data from raw material suppliers.  
Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                                       |  |
|---------------------------------------|--|
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.   |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.   |

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

|                                     |                   |
|-------------------------------------|-------------------|
| Symptoms/effects after skin contact | : Irritation.     |
| Symptoms/effects after eye contact  | : Eye irritation. |

### 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. |
|----------------------|--|

#### 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. 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 in a well-ventilated place. Keep cool. |
|--------------------|--|

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Incompatible products : Oxidizing agent. Strong bases. Strong acids.  
Special rules on packaging : Keep only in original container. Store in a closed container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Chemical resistant gloves (according to European standard EN 374 or equivalent)

#### Eye protection:

Safety glasses. Use eye protection according to EN 166.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Not required under normal conditions of use.

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



#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

A risk assessment should be carried out prior to use to determine the exposure risk to the chemical. Specific work environments and material handling practices may vary; therefore, safety procedures should be developed and PPE selected for each intended application. Consultation with PPE supplier/manufacture will help determine suitability as protection time cannot be accurately estimated for mixtures (such as glove breakthrough time). PPE should be worn to prevent any contact with the chemical. Any contaminated clothing should be washed prior to re-use.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Colour : Green.  
Odour : odourless.  
Odour threshold : No data available  
pH : 6 – 10  
Relative evaporation rate (butylacetate=1) : No data available  
Melting point : Not applicable  
Freezing point : No data available  
Boiling point : No data available

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|   |                     |
|---|---------------------|
| Flash point                                     | : No data available |
| Auto-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   | : 1.01 – 1.02       |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Viscosity, kinematic                            | : No data available |
| Viscosity, dynamic                              | : > 500 cP          |
| 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

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 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 |

#### bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)

|                       |  |
|-----------------------|--|
| LD50 dermal rat       | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | ≥ 0.588 mg/l air Animal: rat   |

#### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine (121617-08-1)

|               |  |
|---------------|--|
| LD50 oral rat | 2925 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
|---------------|--|

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                    |   |
|--------------------|---|
| LD50 dermal rat    | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)    |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

### Amides, C8-18(even numbered) and C18(unsatd.), n,n-bis(hydroxyethyl)

|                    |  |
|--------------------|--|
| LD50 oral rat      | 5000 mg/kg   |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other:Modification of the techniques described in Appraisal of the Safety of Chemicals in Foods, Drugs & Cosmetics, compiled by staff of the Division of Pharmacology, Food and Drug Administration |

### Sodium C10-13 Alkyl Benzenesulfonate (68411-30-3)

|                 |  |
|-----------------|--|
| LD50 oral rat   | 1080 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)     |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes skin irritation.<br>pH: 6 – 10        |
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 6 – 10 |
| Respiratory or skin sensitisation | : Not classified                               |
| Germ cell mutagenicity            | : Not classified                               |
| Carcinogenicity                   | : Not classified                               |
| Reproductive toxicity             | : Not classified                               |
| STOT-single exposure              | : Not classified                               |
| STOT-repeated exposure            | : Not classified                               |

### Amides, C8-18(even numbered) and C18(unsatd.), n,n-bis(hydroxyethyl)

|                                     |   |
|-------------------------------------|---|
| LOAEL (dermal, rat/rabbit, 90 days) | 50 mg/kg bodyweight Animal: rat   |
| NOAEL (oral, rat, 90 days)          | > 750 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents) |

|                   |                  |
|-------------------|------------------|
| Aspiration hazard | : Not classified |
|-------------------|------------------|

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |  |
|---|--|
| Ecology - general   | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |

### bronopol (INN); 2-bromo-2-nitropropane-1,3-diol (52-51-7)

|                    |   |
|--------------------|---|
| EC50 Daphnia 1     | 1.4 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h algae (1) | 0.25 mg/l Test organisms (species): Skeletonema costatum  |
| EC50 72h algae (2) | 0.37 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)     | 0.88 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                   |   |
|-------------------|---|
| NOEC (chronic)    | 0.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish | 21.5 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '49 d' |

### Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine (121617-08-1)

|                    |  |
|--------------------|--|
| LC50 fish 1        | 5.7 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)                      |
| EC50 Daphnia 1     | 18.8 mg/l Test organisms (species): Daphnia magna  |
| EC50 Daphnia 2     | 10.6 mg/l Test organisms (species): Daphnia magna  |
| EC50 72h algae (1) | 52.8 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| EC50 72h algae (2) | > 56.2 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

### Amides, C8-18(even numbered) and C18(unsatd.), n,n-bis(hydroxyethyl)

|                    |   |
|--------------------|---|
| LC50 fish 1        | 2.4 mg/l  |
| EC50 Daphnia 1     | 3.2 mg/l  |
| EC50 72h algae (1) | 3.9 mg/l  |
| LOEC (chronic)     | 0.24 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC (chronic)     | 0.07 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC chronic fish  | 0.32 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d' |

### Sodium C10-13 Alkyl Benzenesulfonate (68411-30-3)

|                |  |
|----------------|--|
| LC50 fish 1    | 1.67 mg/l Test organisms (species): Lepomis macrochirus            |
| EC50 Daphnia 1 | 2.9 mg/l Test organisms (species): Daphnia magna                   |
| NOEC (chronic) | 1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

## 12.2. Persistence and degradability

No additional information available

## 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Wash packaging with a suitable cleaner (water) before recycling. Otherwise dispose of as contaminated packaging. Always dispose of packaging in accordance with local regulations.

# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

European List of Waste (LoW) code : 20 01 29\* - detergents containing dangerous substances  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances

### SECTION 14: Transport information

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

| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |               |
| Not regulated                           | Not regulated | 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

#### Inland waterway transport

Not regulated

#### Rail 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

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

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out



# Diadem Washing Up Liquid

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 16: Other information

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4  |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4  |
| Aquatic Acute 1                     | Hazardous to the aquatic environment — Acute Hazard, Category 1                            |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2                          |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1  |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2  |
| STOT SE 3                           | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H302                                | Harmful if swallowed.  |
| H312                                | Harmful in contact with skin.  |
| H315                                | Causes skin irritation.  |
| H318                                | Causes serious eye damage.   |
| H319                                | Causes serious eye irritation.   |
| H335                                | May cause respiratory irritation.  |
| H400                                | Very toxic to aquatic life.  |
| H411                                | Toxic to aquatic life with long lasting effects.   |
| H412                                | Harmful to aquatic life with long lasting effects.   |

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.