

SAFETY DATA SHEET  
ANDARTA 10% DETERGENT

Compiled in Accordance with EU and GB REACH and CLP Regulations.

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

## 1.1. Product identifier

Product name ANDARTA 10% DETERGENT

Product number 33-112

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

Identified uses Detergent.

Uses advised against Not for Oral Consumption.

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

Supplier Arrow County Supplies  
Arrow House, Longden Road, Shrewsbury,  
Shropshire SY3 9AE

Tel: 01743 283600

Email: sales@arrowcounty.com

Contact person For content of safety data sheet:, sales@arrowcounty.com

## 1.4. Emergency telephone number

Emergency telephone +44 (0) 1743 283600 (office hours)

National emergency telephone In case of a medical emergency following exposure to a chemical call NHS Direct in

England

number or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

Irish NPIC number

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

## 2.2. Label elements

Hazard statements NC Not Classified

Precautionary statements P102 Keep out of reach of children.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash contaminated skin thoroughly after handling.

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.

P501 Dispose of contents/ container in accordance with local regulations.

Detergent labelling 5 - &lt; 15% anionic surfactants, Contains 2-Bromo-2-nitropropane-1, 3-diol

Labelling notes Note:- When assessing the classification of this product, specific cut off values applied to CAS No- 68891-38-3

## 2.3. Other hazards

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This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### C12-14-ALKYL ETHER SULFATES

CAS number: 68891-38-3 EC number: 500-234-8  
REACH registration number: 01-2119488639-16-XXXX

5-10%

##### Classification

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Chronic 3 - H412

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Inhalation** Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**Ingestion:** Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact:** Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

**Eye contact:** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

**Inhalation:** Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

**Ingestion:** Unlikely exposure route without abuse. Symptoms will include, Sickness, possible Irritation of GI Tract. A soapy taste may be reported.

**Skin contact:** Prolonged contact may cause redness, irritation and dry skin.

**Eye contact:** May cause temporary eye irritation.

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

**Notes for the doctor:** Ensure skin and eyes are well rinsed to neutral pH. Check Mouth for evidence of irritation.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media:** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

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

**Hazardous combustion:** Thermal decomposition or combustion products may include the following substances: Oxides products of carbon. Toxic gases or vapours.

#### 5.3. Advice for firefighters

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Protective actions during: Control run-off water by containing and keeping it out of sewers and watercourses.  
firefighting

Special protective equipment: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective for firefighters clothing.

### SECTION 6: Accidental release measures

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

Personal precautions: For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

#### 6.2. Environmental precautions

Environmental precautions: Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

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

Methods for cleaning up: Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

Reference to other sections: For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions: Provide adequate ventilation. Avoid contact with skin and eyes. Do not mix with other chemicals or detergents. Do not mix with Bleach.

Advice on general: No specific hygiene procedures recommended but good personal hygiene practices should occupational hygiene: always be observed when working with chemical products. Wash at the end of each work shift and before eating, smoking and using the toilet.

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

Storage precautions: Store in tightly-closed, original container in a dry, cool and well-ventilated place.

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

Specific end use(s): The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

C12-14-ALKYL ETHER SULFATES (CAS: 68891-38-3)

DNELWorkers - Inhalation; Long term systemic effects: 175 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 2750 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 52 mg/m<sup>3</sup>

Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day

Consumer - Oral; Long term systemic effects: 15 mg/kg/day

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PNEC	<ul style="list-style-type: none"> <li>- Fresh water; 0.24 mg/l</li> <li>- marine water; 0.024 mg/l</li> <li>- Intermittent release; 0.071 mg/l</li> <li>- Sediment, Fresh water; 0.917 mg/kg</li> <li>- Sediment, marine water; 0.092 mg/kg</li> <li>- Soil; 7.5 mg/kg</li> <li>- STP; 10,000 mg/l</li> </ul>
	<p>BRONOPOL (INN) (CAS: 52-51-7)</p> <hr style="width: 20%; margin: auto;"/>
DNEL	<p>Workers - Inhalation; Long term systemic effects: 4.1 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term systemic effects: 12.3 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Long term local effects: 4.2 mg/m<sup>3</sup></p> <p>Workers - Inhalation; Short term local effects: 4.2 mg/m<sup>3</sup></p> <p>Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day</p> <p>Workers - Dermal; Short term systemic effects: 7 mg/kg/day</p> <p>Workers - Dermal; Long term local effects: 0.013 mg/cm<sup>2</sup></p> <p>Workers - Dermal; Short term local effects: 0.013 mg/cm<sup>2</sup></p> <p>General population - Inhalation; Long term systemic effects: 1.2 mg/m<sup>3</sup></p> <p>General population - Inhalation; Short term systemic effects: 3.7 mg/m<sup>3</sup></p> <p>General population - Inhalation; Long term local effects: 1.3 mg/m<sup>3</sup></p> <p>General population - Inhalation; Short term local effects: 1.3 mg/m<sup>3</sup></p> <p>General population - Dermal; Long term systemic effects: 1.4 mg/kg/day</p> <p>General population - Dermal; Short term systemic effects: 4.2 mg/kg/day</p> <p>General population - Dermal; Long term local effects: 0.008 mg/cm<sup>2</sup></p> <p>General population - Dermal; Short term local effects: 0.008 mg/cm<sup>2</sup></p> <p>General population - Oral; Long term systemic effects: 0.35 mg/kg/day</p> <p>General population - Oral; Short term systemic effects: 1.1 mg/kg/day</p>
PNEC	<ul style="list-style-type: none"> <li>- Fresh water; 0.01 mg/l</li> <li>- marine water; 0.008 mg/l</li> <li>- Intermittent release; 0.0025 mg/l</li> <li>- STP; 0.43 mg/l</li> <li>- Sediment (Freshwater); 0.041 mg/kg</li> <li>- Sediment (Marinewater); 0.00328 mg/kg</li> <li>- Soil; 0.5 mg/kg</li> </ul>

### 8.2. Exposure controls

#### Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Personal protection

Data provided here is not a risk/COSHH assessment. It relates to the product as supplied and should be used in developing a risk/COSHH assessment.

Eye/face protection

No specific eye protection required during normal use.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.

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Hygiene measures: Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection: Respiratory protection not required.

Environmental exposure: Avoid releasing into the environment. Note: Comment applies to the concentrated product as controls supplied, not normal use solutions.

**SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Appearance: Liquid.

Colour: Greenish.

Odour: Odourless.

pH: pH (concentrated solution): 6.5 - 8.5

Melting point: Not applicable.

Initial boiling point and range: Not determined but expected to be >90 Degrees C.

Flash point: Not applicable.

Evaporation rate: Not determined.

Evaporation factor: Not applicable.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or: No information available.  
explosive limits

Vapour pressure: Not determined.

Vapour density: Not determined.

Relative density 1.020 - 1.040

Bulk density: Not applicable.

Solubility(ies) Soluble in water.

Partition coefficient: No information available.

Auto-ignition temperature: Not determined.

Decomposition Temperature: Not determined.

Viscosity: Not determined.

Explosive properties: There are no chemical groups present in the product that are associated with explosive properties.

Explosive under the influence: Not considered to be explosive.  
of a flame

Oxidising properties: The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

Information given is applicable to the product as supplied.

Comments

## 9.2. Other information

Other information                      Not relevant.

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Refractive index 1.0-13.0

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity: Under normal storage conditions this product is stable.

**10.2. Chemical stability**

Stability: Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions: Mixing with bleach could cause dangerous heating of the solution.

**10.4. Conditions to avoid**

Conditions to avoid: Avoid exposure to high temperatures or direct sunlight.

**10.5. Incompatible materials**

Materials to avoid: Avoid contact with oxidising agents. Avoid contact with reducing agents. Avoid contact with Bleach.

**10.6. Hazardous decomposition products**

Hazardous decomposition products: Does not decompose when used and stored as recommended.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Toxicological effects: Information given is based on data of the components and of similar products.

**Acute toxicity - oral**

Notes (oral LD<sub>50</sub>): Based on available data the classification criteria are not met.

**Acute toxicity - dermal**

Notes (dermal LD<sub>50</sub>): Based on available data the classification criteria are not met.

**Acute toxicity - inhalation**

Notes (inhalation LC<sub>50</sub>): Based on available data the classification criteria are not met.

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Respiratory sensitisation**

Respiratory sensitisation: Based on available data the classification criteria are not met.

**Skin sensitisation**

Skin sensitisation: Based on available data the classification criteria are not met.

**Germ cell mutagenicity**

Genotoxicity - in vitro: Does not contain any substances known to be mutagenic.

**Carcinogenicity**

Carcinogenicity: Does not contain any substances known to be carcinogenic.

**Reproductive toxicity**

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Reproductive toxicity - fertility: Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure: Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure: Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard: Based on available data the classification criteria are not met.

General information: This product has low toxicity.

Inhalation: No specific health hazards known.

Ingestion: May cause irritation.

Skin contact: Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact: May cause temporary eye irritation.

### SECTION 12: Ecological information

Ecotoxicity: Not regarded as dangerous for the environment.

#### 12.1. Toxicity

Toxicity: Not considered toxic to fish.

#### 12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product 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.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

Partition coefficient: No information available.

#### 12.4. Mobility in soil

Mobility: The product is water-soluble and may spread in water systems.

#### 12.5. Results of PBT and vP:vB assessment

Results of PBT and vPvB: This product does not contain any substances classified as PBT or vPvB. assessment

#### 12.6. Other adverse effects

Other adverse effects: None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information: The generation of waste should be minimised or avoided wherever possible.

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Disposal methods The packaging must be empty (drop-free when inverted). Wash with plenty of water. Waste packaging should be collected for reuse or recycling. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Normal use solutions are expected to be flushed to sewers.

### SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

### SECTION 15: Regulatory information

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

National regulations GB (UK) CLP and REACH Regulations.

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EH40/2005 Workplace exposure limits.

EU legislation Commission Regulation (EU) No 2015/830 of 28 May 2015.

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 (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).



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Guidance Workplace Exposure Limits EH40.  
COSHH Essentials.  
ECHA Guidance on the Application of the CLP Criteria.  
ECHA Guidance on the compilation of safety data sheets.

## 15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

## SECTION 16: Other information

Abbreviations and acronyms PBT: Persistent, Bioaccumulative and Toxic substance.

used in the safety data sheet vPvB: Very Persistent and Very Bioaccumulative.

Revision comments This is the first issue.

Revision date 31/08/2021

Revision 1

SDS number 22686

Risk phrases in full R21/22 Harmful in contact with skin and if swallowed.

R22 Harmful if swallowed.

R37/38 Irritating to respiratory system and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

Hazard statements in full H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.  
----- END OF SDS -----