# SAFETY DATA SHEET
# Andarta Degreasing Powder (10Kg)

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

Revision Date: 28/01/2025 Version: 4 Supersedes Date: 26/08/2022

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

### 1.1. Product identifier

**Product name** Andarta Degreasing Powder (10Kg)

**Product number** 33-033

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

**Identified uses** Cleaning agent. Detergent.

**Uses advised against** Use only for intended applications. DO NOT use for hand dishwashing. 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: Andarta-Sales@arrowcounty.com

### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)

**National emergency telephone number** In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24
Ireland: For information or to report a poisoning incident contact The National Poisons Information Centre (01 8092166)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (SI 2019 No. 720)**

**Physical hazards** Not Classified

| | |
|---|---|
| **Health hazards** | Skin Irrit. 2 - H315 Eye Dam. 1 - H318 |
| **Environmental hazards** | Not Classified |

### 2.2. Label elements

**Hazard pictograms**



| | |
|---|---|
| **Signal word** | Danger |
| **Hazard statements** | H315 Causes skin irritation.<br>H318 Causes serious eye damage. |
| **Precautionary statements** | P101 If medical advice is needed, have product container or label at hand.<br>P102 Keep out of reach of children.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P264 Wash contaminated skin thoroughly after handling.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P332+P313 If skin irritation occurs: Get medical advice/ attention.<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>P310 Immediately call a POISON CENTER/ doctor.<br>P501 Dispose of contents/ container in accordance with local regulations. |
| **Contains** | SODIUM DODECYLBENZENESULFONATE, Alcohols, C9-11, Ethoxylated |
| **Detergent labelling** | 5 - < 15% phosphates, < 5% anionic surfactants, < 5% non-ionic surfactants |
| **Supplementary precautionary statements** | P103 Read label before use.<br>P321 Specific treatment (see medical advice on this label).<br>P362+P364 Take off contaminated clothing and wash it before reuse.<br>P402+P404 Store in a dry place. Store in a closed container. |

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605). The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >0.1% published by the European Chemicals Agency (ECHA) under article 57 of the REACH regulation (as amended).

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| | |
|---|---|
| **SODIUM CARBONATE** | **30-60%** |
| CAS number: 497-19-8 | EC number: 207-838-8 |

| | |
|---|---|
| **Classification** | **Classification (67/548/EEC or 1999/45/EC)** |
| Eye Irrit. 2 - H319 | Xi;R36 |

| SODIUM DODECYLBENZENESULFONATE | 1-5% |
|---|---|
| CAS number: 68411-30-3 | EC number: 270-115-0 |

**Classification**
Acute Tox. 4 - H302
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

**Classification (67/548/EEC or 1999/45/EC)**
Xn;R22. Xi;R38,R41.

| SODIUM METASILICATE PENTAHYDRATE | 1-5% |
|---|---|
| CAS number: 10213-79-3 | EC number: 229-912-9 |

**Classification**
Met. Corr. 1 - H290
Skin Corr. 1A - H314
STOT SE 3 - H335

| Alcohols, C9-11, Ethoxylated | 1-5% |
|---|---|
| CAS number: 68439-46-3 | EC number: 614-482-0 |

**Classification**
Acute Tox. 4 - H302
Eye Dam. 1 - H318

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

**General information** No specific recommendations.

**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** May cause respiratory system irritation.

**Ingestion** May cause irritation. Nausea, vomiting. Diarrhoea.

**Skin contact** May cause irritation. Prolonged skin contact may cause redness and irritation.

**Eye contact** May cause serious eye damage. May cause severe eye irritation. May cause severe inflammation, corneal ulcers and permanent impairment of vision.

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

**Notes for the doctor** No specific recommendations.

## 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

**Specific hazards** The product is non-combustible.

**Hazardous combustion products** No known hazardous decomposition products.

### 5.3. Advice for firefighters

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

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective 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** Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. 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** Wear protective clothing as described in Section 8 of this safety data sheet. 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. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container. Keep container dry. Keep out of the reach of children.

### 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

### SODIUM CARBONATE (CAS: 497-19-8)

**DNEL**

Workers - Inhalation; Long term local effects: 10 mg/m³
General population - Inhalation; Long term local effects: 10 mg/m³

### SODIUM CHLORIDE (CAS: 7647-14-5)

**DNEL**

Workers - Inhalation; Long term systemic effects: 2068.62 mg/m³
Workers - Inhalation; Short term systemic effects: 2068.62 mg/m³
Workers - Dermal; Long term systemic effects: 295.52 mg/kg/day
Workers - Dermal; Short term systemic effects: 295.52 mg/kg/day
General population - Inhalation; Long term systemic effects: 443.28 mg/m³
General population - Inhalation; Short term systemic effects: 443.28 mg/m³
General population - Dermal; Long term systemic effects: 126.65 mg/kg/day
General population - Dermal; Short term systemic effects: 126.65 mg/kg/day
General population - Oral; Long term systemic effects: 126.65 mg/kg/day
General population - Oral; Short term systemic effects: 126.65 mg/kg/day

**PNEC**

- Fresh water; 5 mg/l
- Intermittent release; 19
- STP; 500 mg/l
- Soil; 4.86 mg/kg

### STPP (CAS: 7758-29-4)

**DNEL**

Workers - Inhalation; Long term systemic effects: 0.661 mg/m³
Workers - Inhalation; Short term systemic effects: 0.661 mg/m³
Workers - Dermal; Long term systemic effects: 0.375 mg/kg/day
Workers - Dermal; Short term systemic effects: 0.375 mg/kg/day
General population - Inhalation; Long term systemic effects: 0.661 mg/m³
General population - Inhalation; Short term systemic effects: 0.66 mg/m³
General population - Dermal; Long term systemic effects: 0.375 mg/kg/day
General population - Dermal; Short term systemic effects: 0.375 mg/kg/day
General population - Oral; Long term systemic effects: 0.75 mg/kg/day
General population - Oral; Short term systemic effects: 0.75 mg/kg/day

**PNEC**

- Fresh water; 0.005 mg/l
- marine water; 0.005 mg/l
- Sediment (Freshwater); 0.19 mg/kg
- Soil; 0.14 mg/kg

### SODIUM DODECYLBENZENESULFONATE (CAS: 68411-30-3)

**DNEL**

Industry - Inhalation; Long term systemic effects: 6 mg/m³
Industry - Inhalation; Long term local effects: 6 mg/m³
Industry - Dermal; Long term systemic effects: 85 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 1.5 mg/m³
Consumer - Inhalation; Long term local effects: 1.5 mg/m³
Consumer - Dermal; Long term systemic effects: 42.5 mg/kg/day
Consumer - Oral; Long term systemic effects: 0.425 mg/kg/day

| | |
|---|---|
| **PNEC** | - Fresh water; 0.268 mg/l<br>- marine water; 0.0268 mg/l<br>- Intermittent release; 0.0167 mg/l<br>- STP; 3.43 mg/l<br>- Sediment, Fresh water; 8.1 mg/kg<br>- Sediment, marine water; 6.8 mg/kg<br>- Soil; 35 mg/kg |

### 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** | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment that provides appropriate eye and face protection should be worn. |
| **Hand protection** | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. Gloves made from the following material may provide suitable chemical protection: Butyl rubber. Rubber (natural, latex). Thickness: >0.5 mm Nitrile rubber. Thickness: >0.35 mm The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. |
| **Other skin and body protection** | Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin. |
| **Hygiene measures** | When using do not eat, drink or smoke. 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 controls** | Avoid releasing into the environment. |

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| **Appearance** | Crystalline powder. |
| **Colour** | White |
| **Odour** | Unfragranced |
| **Odour threshold** | Not applicable. Not applicable. |
| **pH** | pH (diluted solution): 10.4 - 10.8 (1g/100ml) |
| **Melting point** | Not available. |
| **Initial boiling point and range** | Not applicable. |

| | |
|---|---|
| **Flash point** | This product is not flammable. |
| **Evaporation rate** | Not applicable. |
| **Evaporation factor** | Not applicable. |
| **Flammability (solid, gas)** | The product is not flammable. |
| **Upper/lower flammability or explosive limits** | The product is not flammable or explosive. |
| **Other flammability** | Not applicable. |
| **Vapour pressure** | No information available. |
| **Vapour density** | No information available. |
| **Bulk density** | 0.68-0.78 kg/l |
| **Solubility(ies)** | Soluble in water. |
| **Partition coefficient** | Not technically possible for a mixture. |
| **Auto-ignition temperature** | Not determined. |
| **Decomposition Temperature** | No information available. |
| **Viscosity** | Not applicable. |
| **Explosive properties** | There are no chemical groups present in the product that are associated with explosive properties. |
| **Explosive under the influence of a flame** | Not considered to be explosive. |
| **Oxidising properties** | There are no chemical groups present in the product that are associated with oxidising properties. |
| **Comments** | Information given is applicable to the product as supplied. |

### 9.2. Other information

| | |
|---|---|
| **Other information** | Not relevant. |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

| | |
|---|---|
| **Reactivity** | There are no known reactivity hazards associated with this product. |

### 10.2. Chemical stability

| | |
|---|---|
| **Stability** | Stable at normal ambient temperatures. |

### 10.3. Possibility of hazardous reactions

| | |
|---|---|
| **Possibility of hazardous reactions** | Under normal conditions of storage and use, no hazardous reactions will occur. |

### 10.4. Conditions to avoid

| | |
|---|---|
| **Conditions to avoid** | Do not mix with other household chemical products. |

### 10.5. Incompatible materials

| | |
|---|---|
| **Materials to avoid** | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |

### 10.6. Hazardous decomposition products

| | |
|---|---|
| **Hazardous decomposition products** | No known hazardous decomposition products. |

## 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 $LD_{50}$)** | Based on available data the classification criteria are not met. |
| **ATE oral (mg/kg)** | 18,255.65 |

**Acute toxicity - dermal**

| | |
|---|---|
| **Notes (dermal $LD_{50}$)** | Based on available data the classification criteria are not met. |

**Acute toxicity - inhalation**

| | |
|---|---|
| **Notes (inhalation $LC_{50}$)** | Based on available data the classification criteria are not met. |

**Skin corrosion/irritation**

| | |
|---|---|
| **Skin corrosion/irritation** | Skin irritation. |

**Serious eye damage/irritation**

| | |
|---|---|
| **Serious eye damage/irritation** | Causes serious eye damage. |

**Respiratory sensitisation**

| | |
|---|---|
| **Respiratory sensitisation** | Not classified. |

**Skin sensitisation**

| | |
|---|---|
| **Skin sensitisation** | Not classified. |

**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**

| | |
|---|---|
| **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. |

| | |
|---|---|
| **General information** | This product has low toxicity. Only large quantities are likely to have adverse effects on human health. |
| **Ingestion** | May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea. |
| **Skin contact** | Skin irritation should not occur when used as recommended. Prolonged and frequent contact may cause redness and irritation. |
| **Eye contact** | A single exposure may cause the following adverse effects: Corneal damage. Severe irritation, burning, tearing and blurred vision. |

**11.2 Information on other hazards**

**11.2.1. Endocrine disrupting properties** This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

**11.2.2 Other information** None known

**Toxicological information on ingredients.**

**SODIUM DODECYLBENZENESULFONATE**

**Acute toxicity - oral**

| | |
|---|---|
| **Acute toxicity oral ($LD_{50}$ mg/kg)** | 1,080.0 |
| **Species** | Rat |
| **ATE oral (mg/kg)** | 1,080.0 |

**Acute toxicity - dermal**

| | |
|---|---|
| **Acute toxicity dermal ($LD_{50}$ mg/kg)** | 2,001.0 |
| **Species** | Rat |
| **ATE dermal (mg/kg)** | 2,001.0 |

**Alcohols, C9-11, Ethoxylated**

**Acute toxicity - oral**

| | |
|---|---|
| **Acute toxicity oral ($LD_{50}$ mg/kg)** | 555.56 |
| **Species** | Rat |
| **ATE oral (mg/kg)** | 555.56 |

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

**12.1. Toxicity**

**Toxicity** Not considered toxic to fish.

**Ecological information on ingredients.**

**SODIUM DODECYLBENZENESULFONATE**

**Acute aquatic toxicity**

| | |
|---|---|
| **Acute toxicity - fish** | $LC_{50}$, 96 hours: 1.67 mg/l, Lepomis macrochirus (Bluegill)<br>$LC_{50}$, 96 hours: 10 mg/l, Cyprinus carpio (Common carp) |
| **Acute toxicity - aquatic invertebrates** | $EC_{50}$, 48 hours: 10 mg/l, Daphnia magna |
| **Acute toxicity - aquatic plants** | $EC_{50}$, 72 hours: 100 mg/l, Scenedesmus subspicatus |

**12.2. Persistence and degradability**

| | |
|---|---|
| **Persistence and degradability** | There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended). |

### 12.3. Bioaccumulative potential

| | |
|---|---|
| **Bioaccumulative potential** | No data available on bioaccumulation. |
| **Partition coefficient** | Not technically possible for a mixture. |

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Endocrine disrupting properties

| | |
|---|---|
| **Endocrine disrupting properties** | This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605). |

### 12.6. Other adverse effects

| | |
|---|---|
| **Other adverse effects** | None known. |

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

| | |
|---|---|
| **General information** | Do not discharge into drains or watercourses or onto the ground. |
| **Disposal methods** | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging is recyclable. |

## SECTION 14: Transport information

| | |
|---|---|
| **General** | The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
| **Road transport notes** | Not classified. |
| **Rail transport notes** | Not classified. |
| **Sea transport notes** | Not classified. |
| **Air transport notes** | Not classified. |

### 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 Annex II of MARPOL 73/78 and the IBC Code** | Not applicable. |

## SECTION 15: Regulatory information

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

| | |
|---|---|
| **National regulations** | The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).<br>The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). |
| **EU legislation** | European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)<br>European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)<br>Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006, |
| **Guidance** | Workplace Exposure Limits EH40.<br>CHIP for everyone HSG228.<br>COSHH Essentials.<br>Approved Classification and Labelling Guide (Sixth edition) L131.<br>Safety Data Sheets for Substances and Preparations. |

### 15.2. Chemical safety assessment

No information available.

## SECTION 16: Other information

| | |
|---|---|
| **Abbreviations and acronyms used in the safety data sheet** | DNEL: Derived No Effect Level.<br>PNEC: Predicted No Effect Concentration.<br>PBT: Persistent, Bioaccumulative and Toxic substance.<br>vPvB: Very Persistent and Very Bioaccumulative. |
| **Revision comments** | Note: Finished product SDS take their revision history from the parent bulk liquid SDS. The revision data will show that of the parent liquid. First issue of new formulation for this product name |
| **Revision date** | 28/01/2025 |
| **Revision** | 4 |
| **Supersedes date** | 26/08/2022 |
| **SDS number** | 23067 |

**Hazard statements in full**

H290 May be corrosive to metals.
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.
H335 May cause respiratory irritation.
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.