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SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Andarta Surface Disinfectant Tub Wipe - Refill Pack

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

- Use of the substance/mixture: Detergent for professional use.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Arrow County Supplies
- Address of Supplier: Arrow County Supplies, Arrow House, Longden Road, Shrewsbury, SY3 9AE
- Telephone: 01743 283600
- Email: andarta-sales@arrowcounty.com

1.4 Emergency telephone number

- Emergency Telephone: 01743 283600 during office hours (UK)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP:

2.2 Label elements

- Signal Word:

Hazard statements

Harmful to aquatic life.

Precautionary statements

2.3 Other hazards

- Contains:

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Glutamic acid, N,N-diacetic acid, tetrasodium salt solution

CAS Number: Not available
EC Number: Not available
REACH Registration Number: 01-2119493601-38-0000
Concentration: 0.27%

SECTION 3: Composition/information on ingredients (....)

Specific Concentration Limits: not applicable
M factor: Not applicable
Acute toxicity estimate: Not available
Categories: Met. Corr. 1
Symbols: GHS05
H Statements: H290

tetrasodium ethylene diamine tetraacetate

CAS Number: 64-02-8
EC Number: 200-573-9
REACH Registration Number: 01-2119486762-27-xxxx
Concentration: 0.27%
Specific Concentration Limits: not applicable
M factor:
Acute toxicity estimate:
Categories: Acute Tox. 4, Eye Dam. 1, STOT RE 2
Symbols: GHS05;GHS08
H Statements: H332;H302;H318;H373

C11 Alcohol, ethoxylated

CAS Number: 34398-01-1
EC Number: Not available
REACH Registration Number: Not available
Concentration: 0.24%
Specific Concentration Limits: not available
M factor: Not available
Acute toxicity estimate: Not available
Categories: Eye Dam. 1
Symbols: GHS05
H Statements: H318

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

CAS Number: 2372-82-9
EC Number: 219-145-8
REACH Registration Number: 01-2119980592-29-xxxx
Concentration: 0.15%
Specific Concentration Limits: not applicable, not available
M factor: Not available
Acute toxicity estimate: Not available
Categories: Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, STOT RE 2, Aquatic Acute 1
Symbols: GHS05;GHS06;GHS08;GHS09
H Statements: H301;H314;H318;H373;H400

SECTION 4: First aid measures

4.1 Description of first aid measures

- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes, skin and mucous membranes
- Possible blistering of the skin of affected areas
- Risk of serious damage to eyes

4.3 Indication of any immediate medical attention and special treatment needed

- In case of burns immediately cool affected skin as long as possible with cold water
- Remove contaminated clothing immediately and drench affected skin with plenty of water
- Obtain immediate medical attention

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water, foam, carbon dioxide or dry agent

5.2 Special hazards arising from the substance or mixture

- No information available

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- Do not empty into drains
- Do not flush spilt material into any public water system
- Use appropriate containment to avoid environmental contamination

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

SECTION 6: Accidental release measures (....)

- See Section 8 for information on PPE
- See Section 13 for waste treatment information

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Do not breathe spray/mists
- Do not mix with any other products
- Ensure adequate ventilation
- Eyewash bottles should be available
- In case of accident by inhalation: remove casualty to fresh air and keep at rest
- Proper chemicals handling procedures should be adopted

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place
- Do not store in direct sunlight
- Protect from frost

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

tetrasodium ethylene diamine tetraacetate

DNEL (Consumer; inhalational, long term systemic effects): 0.6 mg/m³
DNEL (Consumer; inhalational, short term local effects): 1.2 mg/m³
DNEL (Industry; inhalational, long term systemic effects): 1.5 mg/m³
DNEL (Industry; inhalational, short term local effects): 3 mg/m³

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

DNEL (Consumer; dermal, long term systemic effects): 0.54 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 0.7 mg/m³
DNEL (Consumer; oral, long term systemic effects): 0.2 mg/kg
DNEL (Industry; dermal, long term systemic effects): 0.91 mg/kg
DNEL (Industry; inhalational, long term systemic effects): 2.35 mg/m³

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable
- In case of insufficient ventilation, wear suitable respiratory equipment
- Wear goggles giving complete eye protection
- Wear suitable gloves
- Wear suitable protective clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: colourless
- Odour: Characteristic odour
- Melting point/Range: not applicable
- Boiling Point/Range: not available
- Flammability: Not flammable
- pH: 6.0 - 8.0
- Solubility in water: miscible with water
- Density: 1.00 +/- 0.02
- Flashpoint: >93°C

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

- If exposed to light, substance may discolour with time
- No hazardous reactions known if used for its intended purpose
- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat and sources of ignition
- Keep cool. Protect from sunlight.

10.5 Incompatible materials

- DO NOT MIX WITH ANY OTHER CHEMICALS
- Avoid contact with soft metals unless advised otherwise

10.6 Hazardous decomposition products

- Decomposition products may include hydrogen

SECTION 11: Toxicological information

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

Acute toxicity

Estimated LD_{50} (oral) (ATE) : 66666.66 mg/kg
Estimated LD_{50} (dermal) (ATE) : >4000 mg/kg

SECTION 11: Toxicological information (....)

Estimated LD_{50} (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

Glutamic acid, N,N-diacetic acid, tetrasodium salt solution

LD_{50} (oral, rat): >5,000 mg/kg

tetrasodium ethylene diamine tetraacetate

Estimated LD_{50} (inhalational) (ATE) : 3.8 mg/l
Estimated LD_{50} (oral) (ATE) : >2,000 mg/kg
LC_{50} (inhalation, rat): >1 - 5 mg/l
LD_{50} (oral, rat): 1,780 mg/kg

C11 Alcohol, ethoxylated

LD_{50} (oral, rat): >2000 mg/kg

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

LD_{50} (oral, rat): 280 mg/kg
LD_{50} (skin, rat): >600 mg/kg

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory or skin sensitisation

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT (specific target organ toxicity) - single exposure

STOT (specific target organ toxicity) - repeated exposure

Aspiration hazard

11.2 Information on other hazards

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

- miscible with water

SECTION 12: Ecological information (....)

12.5 Results of PBT and vPvB assessment

12.6 Endocrine disrupting properties

12.7 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

SECTION 14: Transport information

14.1 UN number or ID number

- UN No.: Not classified as hazardous for transport

14.2 UN proper shipping name

- Proper Shipping Name:

14.3 Transport hazard class(es)

- Hazard Class:

14.4 Packing group

- Packing Group:

14.5 Environmental hazards

14.6 Special precautions for user

- Contains:

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006

15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H301: Toxic if swallowed. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H332: Harmful if inhaled. H373: May cause

SECTION 16: Other information (....)

damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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