



# **SAFETY DATA SHEET** Super Platinum Antibac Wash Up Liquid

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

## 1.1. Product identifier

**Product name** Super Platinum Antibac Wash Up Liquid

800-192-0016 Product number

Internal identification D1061

UFI UFI: NKM8-QYT1-7Q4P-E0TP

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

Identified uses Detergent. Disinfectant.

Uses advised against Do not use for personal cleansing. Not for Oral Consumption. Use only for intended

applications.

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

Supplier Mirius™

A Coventry Group Company

Woodhams Road Siskin Drive Coventry CV3 4FX

Coventry Chemicals (Ireland) Limited

4th Floor

8-34 Percy Place

Dublin 4 Ireland

Tel: +44 (0) 02476 639 739 Fax: +44 (0) 02476 639 717 Email: sales@mirius.com

Contact person For content of safety data sheet:, sds@mirius.com

### 1.4. Emergency telephone number

+44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human **Emergency telephone** 

health and/or the environment)

number

National emergency telephone 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

## Super Platinum Antibac Wash Up Liquid

**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318

**Environmental hazards** Aquatic Chronic 3 - H412

#### 2.2. Label elements

## Hazard pictograms



Signal word Danger

Hazard statements H315 Causes skin irritation.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P101 If medical advice is needed, have product container or label at hand.

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.

P273 Avoid release to the environment.

P280 Wear protective gloves, eye and face protection. P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/ doctor.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

P402+P404 Store in a dry place. Store in a closed container.

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

Contains C12-14-ALKYL ETHER SULFATES, COCONUT DIETHANOLAMIDE, AMINES, C12-14 -

ALKYLDIMETHYL, N-OXIDES

Biocide Labelling This product contains substances with biocidal properties., Contains active substance:

0.01g/100g, 2-Phenoxyethanol, (and), 2.0g/100g, L-(+)-lactic acid, Read attached instructions

before use.

**Detergent labelling** 5 - < 15% anionic surfactants, < 5% disinfectants, < 5% non-ionic surfactants, < 5% perfumes

#### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

## C12-14-ALKYL ETHER SULFATES 10-30%

## Classification

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412

## Super Platinum Antibac Wash Up Liquid

LACTIC ACID 2.0%

CAS number: 79-33-4 EC number: 201-196-2

**Classification** Skin Irrit. 2 - H315 Eye Dam. 1 - H318

COCONUT DIETHANOLAMIDE 1-5%

Classification Classification (67/548/EEC or 1999/45/EC)

Skin Irrit. 2 - H315 Xi;R38,R41.

Eye Dam. 1 - H318 Aquatic Chronic 2 - H411

AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES

CAS number: 308062-28-4 EC number: 931-292-6

M factor (Acute) = 1

Classification Classification (67/548/EEC or 1999/45/EC)

Acute Tox. 4 - H302 Xn;R22. Xi;R38,R41. N;R50.

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

2-PHENOXYETHANOL 0.01%

CAS number: 122-99-6 EC number: 204-589-7

Classification Classification (67/548/EEC or 1999/45/EC)

Acute Tox. 4 - H302 Xn;R22 Xi;R36

Eye Irrit. 2 - H319

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 Provide eyewash station

Inhalation Not expected to present a significant inhalation hazard under anticipated conditions of normal

use. Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical

<1%

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 and get medical attention. Show this Safety

Data Sheet to the medical personnel.

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

General information Provide eyewash station

**Inhalation** Unlikely to occur, but may lead to temporary irritation in sensitive individuals.

Ingestion Unlikely exposure route without abuse. Symptoms will include, Sickness, possible Irritation of

GI Tract. A soapy taste may be reported.

**Skin contact** Liquid may irritate skin.

**Eye contact** Causes serious eye damage. Causes eye irritation.

#### 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 No unusual fire or explosion hazards noted.

### 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. Treat the spilled material according to the instructions

in the clean-up section. Take care as floors and other surfaces may become slippery.

For non-emergency personnel In case of fire: Wear self-contained breathing apparatus. Wear protective clothing, gloves, eye

and face protection. Keep unnecessary and unprotected personnel away from the spillage.

Eliminate all sources of ignition. Ventilate closed spaces before entering them.

For emergency responders Wear self-contained breathing apparatus. Wear protective clothing, gloves, eye and face

protection. Dilute with plenty of water. Do not allow uncontrolled discharge of product into the

environment. Evacuate unnecessary personnel.

## 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. Collect and dispose of spillage as indicated in Section 13.

#### 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.

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#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling, skin and eye contact. Wear protective clothing as

described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with

other household chemical products. Do not mix with acid.

Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

#### 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. Store at room

temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No smoking.

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)

**DNEL** Workers - Inhalation; Long term systemic effects: 175 mg/m³

Workers - Dermal; Long term systemic effects: 2750 mg/kg/day Consumer - Inhalation; Long term systemic effects: 52 mg/m³ Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day Consumer - Oral; Long term systemic effects: 15 mg/kg/day

PNEC - Fresh water; 0.24 mg/l

- marine water; 0.024 mg/l - Intermittent release; 0.071 mg/l

Sediment, Fresh water; 0.917 mg/kg
Sediment, marine water; 0.092 mg/kg

Soil; 7.5 mg/kgSTP; 10,000 mg/l

LACTIC ACID (CAS: 79-33-4)

**DNEL** Industry - Inhalation; Short term : 592 mg/m³

Consumer - Oral; : 35.4 mg/kg/day

PNEC - Fresh water; 1.3 mg/l

## COCONUT DIETHANOLAMIDE (CAS: 68155-07-7)

**DNEL** Workers - Inhalation; Long term systemic effects: 73.4 mg/m³

Workers - Dermal; Long term systemic effects: 4.16 mg/kg/day Workers - Dermal; Long term local effects: 0.0936 mg/cm<sup>2</sup>

General population - Inhalation; Long term systemic effects: 21.73 mg/m³ General population - Dermal; Long term systemic effects: 2.5 mg/kg/day General population - Dermal; Long term local effects: 0.0562 mg/cm² General population - Oral; Long term systemic effects: 6.25 mg/kg/day

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PNEC - Fresh water; 0.007 mg/l

- marine water; 0.001 mg/l

- STP; 830 mg/l

Sediment (Freshwater); 0.195 mg/kgSediment (Marinewater); 0.019 mg/kg

- Soil; 0.035

#### AMINES, C12-14 -ALKYLDIMETHYL, N-OXIDES (CAS: 308062-28-4)

**DNEL** Workers - Inhalation; Long term systemic effects: 15.5 mg/m³

Workers - Dermal; Long term systemic effects: 11 mg/kg/day

General population - Inhalation; Long term systemic effects: 3.8 mg/m³ General population - Dermal; Long term systemic effects: 5.5 mg/kg/day General population - Oral; Long term systemic effects: 0.44 mg/kg/day

PNEC - Fresh water; 0.034 mg/l

- marine water; 0.003 mg/l

- STP; 24 mg/l

Sediment (Freshwater); 5.24 mg/kgSediment (Marinewater); 0.524 mg/kg

- Soil; 1.02 mg/kg

## 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

### **DIETHANOLAMINE (CAS: 111-42-2)**

**DNEL** Workers - Inhalation; Long term local effects: 1 mg/m³

Workers - Dermal; Long term systemic effects: 0.13 mg/cm<sup>2</sup>

General population - Inhalation; Long term local effects: 0.25 mg/m³ General population - Dermal; Long term systemic effects: 0.07 mg/kg/day General population - Oral; Long term systemic effects: 0.06 mg/kg/day

PNEC - Fresh water; 0.02 mg/l

- marine water; 0.002 mg/l

- STP; 100 mg/l

- Sediment (Freshwater); 0.092 mg/kg

- Sediment (Marinewater); 0.009 mg/kg

- Soil; 0.007 mg/kg

#### 8.2. Exposure controls

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Appropriate engineering

controls

Provide adequate ventilation.

Personal protection This datasheet is not a Risk/COSHH assessment. Data given here should be used as part of

a risk assessment. Data supplied here relates to the product as supplied, not in use solutions,

these will have a lower classification.

**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: Personal protective equipment that provides

appropriate eye and face protection should be worn. Refer to EN166.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if

a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Neoprene, nitrile, polyethylene or PVC. Refer to EN374 A break through time of >60 minutes is suggested. Gloves should be inspected regularly for damage.

Other skin and body

protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

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 normally required.

Environmental exposure

controls

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

**Appearance** Colourless liquid.

Colour Green.
Odour Lemon.

Odour threshold No information available.

**pH** 2.5 - 3.5

**Melting point** No information available.

**Initial boiling point and range** No information available.

**Flash point** Does not support combustion.

Evaporation rate No information available.

**Evaporation factor** No information available.

Upper/lower flammability or explosive limits

Flammability (solid, gas)

Not flammable

Not applicable.

Other flammability Not applicable.

Vapour pressure No information available.

Vapour density No information available.

Relative density ~ 1.03 @ 20°C

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Bulk density Not applicable.

Solubility(ies) Completely soluble in water.

Partition coefficient No information available.

Auto-ignition temperature Not applicable.

**Decomposition Temperature** No information available.

**Viscosity** No specific test data are available.

**Explosive properties** Not considered to be explosive.

Explosive under the influence

of a flame

Not considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Particle size Not applicable.

#### 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

No potentially hazardous reactions known.

10.4. Conditions to avoid

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

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

No known hazardous decomposition products.

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.

Other health effects Does not contain any substances known to be carcinogenic.

Acute toxicity - oral

Notes (oral LD50) 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 LC50) Based on available data the classification criteria are not met.

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Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

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

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 Not anticipated to present an aspiration hazard, based on chemical structure.

General information This product has low toxicity.

**Inhalation** The product is considered to be a low hazard under normal conditions of use.

Ingestion May cause irritation. Symptoms following overexposure may include the following: Stomach

pain. Diarrhoea. Nausea, vomiting.

**Skin contact** Prolonged or repeated exposure may cause the following adverse effects: Irritation. Dryness

and/or cracking. Mild dermatitis, allergic skin rash.

**Eye contact** May cause serious eye damage. Irritating to eyes. Corneal damage. Severe irritation, burning,

tearing and blurred vision.

## SECTION 12: Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects. The product contains substances which are

toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic

environment.

12.1. Toxicity

**Toxicity** Mixture is classified - see section 2.1.

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 The Detergents Regulations (as amended).

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

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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 vPvB assessment

#### 12.6. Other adverse effects

Other adverse effects Not 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 Normal use solutions are expected to be flushed to sewers. Dispose of waste to licensed

waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Reuse or recycle products wherever possible.

#### 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

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

## SECTION 15: Regulatory information

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

National regulations The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as

amended)

The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI

2019 No. 696) (as amended).

The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU

Exit) Regulations 2019 (SI 2019 No. 583) (as amended).

The Hazardous Waste Regulations 2005.

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as

amended).

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)

(Amendment etc.) (EU Exit) Regulations 2019 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009

No. 716).

Health and Safety at Work etc. Act 1974 (as amended).

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of

substances and mixtures (as amended)

European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and

Restriction of Chemicals (REACH) (as amended)

European Regulation (EC) No 648/2004 on detergents (as amended)

European Regulation (EU) No 528/2012 concerning the making available on the market and

use of biocidal products (BPR) as amended

## Super Platinum Antibac Wash Up Liquid

Guidance 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

No chemical safety assessment has been carried out.

#### Inventories

#### **EU - EINECS/ELINCS**

All the ingredients are listed or exempt.

#### SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by

Road.

IMDG: International Maritime Dangerous Goods.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.

IATA: International Air Transport Association.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

DNEL: Derived No Effect Level.

vPvB: Very Persistent and Very Bioaccumulative.

MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as

modified by the Protocol of 1978.

Classification abbreviations

and acronyms

Skin Irrit. = Skin irritation

Eye Dam. = Serious eye damage

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision. Review

of SDS with no change of classification. Change in supplier contact details

Revision date 29/06/2022

Revision 2

Supersedes date 19/11/2021

SDS number 22966

Hazard statements in full H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage. H319 Causes serious eye 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.