

SPS Envirowall Ltd



Safety Data Sheet
according to (EC) 1907/2006 - Artclie 31

ISO No. 5785

Version 2

Date prepared: May 2022

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade Name: Antimoss Fungicidal Wash

Identification of the product: Product Name: Antimoss Fungicide & Mould Remover
Product Code: ANTIMOSS/**LTR

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

Use: BIOCIDES - This information relates to the specific material designated and may not be valid in combination with other product(s).

1.3 Details of the supplier of the safety data sheet

Supplier SPS Envirowall Ltd
Lonsdale Chambers
Lonsdale Street
Stoke on Trent
Staffordshire
ST4 4BT
Email: info@spsenvirowall.co.uk
Telephone: 08451300983

1.4 Emergency telephone No. NHS : 111

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

No information available

2.2 EC Number

Not applicable

2.3 Label elements (R-S)

2.3.1 Symbol(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.

2.3.2 R-Phrase(s): None according to the regulation (EC) No 1907/2006 - 1999/45 with their modifications and adaptations.

2.3.3 S-Phrase(s): 2 Keep out of the reach of children.
23 Do not breathe gas / fumes / vapour / spray.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
38 In case of insufficient ventilation, wear suitable respiratory equipment.
46 If swallowed, seek medical advice immediately and show this container or label.

2.4 Label elements (CPL - SGH): Warning



2.4.1 Symbol(s):

2.4.2 Hazard statement:

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

2.4.3 Prevention:

P264 Wash soap and water thoroughly after handling.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P273 Avoid release to the environment.

2.4.4 Response:

P302 IF ON SKIN:
P352 Wash with plenty of soap and water.
P321 Specific treatment
P332 If skin irritation occurs:
P313 Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P337 If eye irritation persists

2.4.5 Disposal:

P501a Dispose of contents / container in accordance with local / regional / national / international regulation.

2.5 Further information(s):

Further information(s):
COV: 40 g/l
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

2.6 Most important hazards:

Irritating Eyes

2.7 Other Hazards:

/

SECTION 3 Composition/information on ingredients

- 3.1 Formula:** Formula: Chlorure de
- 3.2 Description of the mixture:** Aqueous solution of fungicide
- 3.3 Component(s) contributing to the hazard:**
- ethanol; ethyl alcohol
 - Id nr: 603-002-00-5 - CE nr: 200-578-6 - CAS nr: 64-17-5
 - Conc. (w eight %) : 1 < C <= 5
 - R-S : Classification: • F; R 11 •
 - SGH : SGH02 - Flam. Liq. 2 - Flame - Danger - H225

 - Chlorure N-alkyl(C12-16)-N,N-dimethyl-N-benzylammonium
 - CAS nr: 68424-85-1
 - Conc. (w eight %) : 1 < C <= 5
 - R-S : Symbol(s): C N - R-phrased(s): 22-34-50
 - SGH : SGH07 - Acute Tox. 4 - Exclamation mark - Warning - H302 - SGH05 - Skin Corr. 1B - Corrosion - Danger - H314 - Eye Dam. 1 - H318 SGH09 - Aquatic Acute 1 - Environment - Warning - H400

The wording of the sentences are meanted at heading 16.

SECTION 4 First aid measures

4.1 Description of first aid measures

General Advice: In case of doubt or persistent symptoms, consult alw ays a physician.
For symptom description, see item

Inhalation: Remove from exposure, if possible in fresh air and lie down the victim.

Skin contact: Take off immediately all contaminated clothing. Wash off with plenty of water.
In case of faintness or symptoms of skin irritation appear, take medical advice.

Eye contact: Wash with plenty of water (during 20 minutes minimum) with eyes wide open, keeping contact lenses and immediately take medical advice.

Ingestion: Rinse mouth, drink a lot of water, do not vomit, keep quiet and go immediately to hospital or to a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Remove from exposure, if possible in fresh air and lie down the victim. DL50: 344mg/Kg (rat)

Skin Contact: LD50/dermal/rabbit = 3340 mg/kg

Eyes Contact: Liquid splashes in the eye may cause irritation.

Ingestion: LD50/oral/rat = 344mg/kg

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / Special Treatment: In all cases of doubt, or when symptoms persist, seek medical attention.

Treatment:

SECTION 5 Fire-fighting measures

5.1 Extinguishing media The product itself does not burn.
In case of fire in the surroundings: all extinguishing agents allowed.: foam, sand, carbon dioxide (CO₂), water, powder.

5.2 Special hazards arising from the substance or mixture

Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.

5.3 Advice for fire-fighters None

5.4 Extinguishing media which must NOT be used for safety: None

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with skin, eyes, or clothing.

6.2 Environmental precautions

Stop leak without risks if possible.
Prevent liquid from enetering sewers, watercourses, underground or low areas.
Concerning disposal elimination after cleaning, see item 13.

Scoop or vacuum rapidly in a suitable container.

6.4 Reference to other sections: /

SECTION 7 Handling and storage

7.1 Handling

7.1.1 Precautions for Safe Handling: Do not eat, drink and do not smoke in areas where product is used.
Avoid contact with skin and eyes.
Shower, eyes shower and water point in proximity.

7.1.2 Technical condition(s): Avoid dust formation.

7.1.3 Safe handling advice(s): Keep container tightly closed.
Avoid skin and eye contact. Avoid inhalation of vapour and spray mist. Keep container tightly closed.

SECTION 7 Handling and storage CONT.....

- 7.2 Storage**
- 7.2.1 Conditions for safe storage, including any incompatibilities:**
- 7.2.2 Technical condition(s):** /
- 7.2.3 Storage condition(s):** Store at temperatures above 5°C
- 7.2.4 Separation of incompatible product(s):** Store separately from oxidising agents and strongly alkaline and strongly acidic materials.
- 7.2.5 Packaging/tank material:** Plastic packaging are recommended.
- 7.2.6 Unsuitable packaging materials:** None
- 7.3 Specific End Use(s)** Biocide

SECTION 8 Exposure controls/personal protection

- 8.1 Control parameters**
- 8.1.1 Exposure Limit(s):** • ethanol; ethyl alcohol : VME ppm = 1000 - VME mg/m³ = 1900 - VLE ppm = 5000 - VLE mg/m³ = 9500
Wear suitable gloves.
Avoid contact with skin.
- 8.1.2 Biological Index:** /
- 8.1.3 Engineering Measures:** /
- 8.2 Exposure controls**
- 8.2.1 Respiratory protection:** Do not breathe dust or spray mist.
In case of insufficient ventilation wear suitable respiratory equipment.
- 8.2.2 Hand protection:** PVC or other plastic material or natural rubber gloves.
- 8.2.3 Skin and body protection:** Wear suitable protective clothing.
- 8.2.4 Eye protection:** Wear security glasses which protect from splashes.
- 8.2.5 Personal protection:** /
- 8.2.6 Recommended monitoring procedures:** /
- 8.3 Environmental exposure controls** /
- 8.4 Hygiene Measure(s)** Do not eat, drink or smoke during work.

SECTION 9 Physical and chemical properties

- Appearance:** Liquid
Colour: Light Green
Odour: Very slight
pH value: 7
Alkali/acid reserve: /
Boiling point/range: 100°C
Melting point/range: <0°C
Flash point: Not applicable
Auto-ignition temperature: Not applicable
Decomposition temperature: 400°C
- Explosion Limits:** /
Flammability (solid, gas): Not applicable
Relative Density (water = 1): 0.996
Bulk density: 0.996 g/cm³
Viscosity: < 100 mPa.s (20°C)

- 9.2 Other information**
- 9.2.1 Water Solubility:** Completely miscible
- 9.2.2 Fat Solubility:** Insoluble
- 9.2.3 Solvent Solubility:** Soluble in some specific organic solvents
- 9.2.4 Partition coefficient noctonal/water:** /
- 9.2.5 Evaporation rate:** /
- 9.2.6 Electrical Conductivity:** /
- 9.3 Other information:** /
- 9.4 Other Data:** /

SECTION 10 Stability and reactivity

- 10.1 Reactivity** Product is stable.
- 10.2 Chemical stability** Stable at normal conditions
- 10.3 Possibility of hazardous reaction** Non-Hazardous Products
- 10.4 Conditions to avoid** None under normal use.
- 10.5 Incompatible materials** Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent to possibility of exothermic reaction.
- 10.6 Hazardous decomposition products** Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, nitrogen oxides (NOx).

SECTION 11 Toxicological information

- 11.1 Information on toxicological effects:** Valeurs utilisées pour la classification:
N-Alkyl(C12-16)-N,N-dimethyl-N-benzylammonium chloride (No.-CAS: 68424-85-1)
LD50/oral/rat = 344 mg/kg
LD50/dermal/rabbit = 3340 mg/Kg
- 11.2 Acute toxicity**
- 11.2.1 Inhalation:** LC50/inhalation/4h/rat = 8000 mg/l (for ETHANOL)
- 11.2.2 Skin Contact:** Repeated exposure may cause skin dryness or cracking.
- 11.2.3 Eyes Contact:** Mild eye irritation
- 11.2.4 Ingestion:** Ingestion may lead to severe respiratory difficulties, stimulation of the central nervous system and in extreme cases unconsciousness.
- 11.3 Sensitisation:** No sensitisation responses were observed.
- 11.4 Chronic Toxicity:** Not mutagenic (AMES Test).
- 11.5 Toxicity of repeated or prolonged exposure:** /
- 11.6 Specific effect(s):** /
- 11.7 Further information(s):** /

SECTION 12 Ecological information

- 12.1 Toxicity** May be harmful to aquatic organisms, to flora, to soil organisms.: In higher concentrations.
- 12.2 Persistence and degradability** Readily biodegradable, according to appropriate OECD test. 303A > 90%
- 12.3 Bioaccumulative potential** None bioaccumulation
- 12.4 Mobility in soil** None
- 12.5 Results of PBT & vPvB assessment** None
- 12.6 Other adverse effects** /
- 12.6.1 Toxicity to fish:** N-Alkyl(C12-16)-N,N-dimethyl-N-benzylammonium chloride (No.-CAS: 68424-85-1)
Toxicité pour le poisson (CL50) 0,28 mg/l Espèce: Pimephales promelas (Vairon à grosse tête)
Toxicité aiguë Durée d'exposition: 96 h Méthode: US-EPA
Toxicité pour le poisson (NOEC) 0,032 mg/l Espèce: Pimephales promelas (Vairon à grosse tête) Étape de vie précoce Durée d'exposition: 34 jr Méthode: EPA-FIFRA
Toxicité pour la daphnie et les autres invertébrés aquatiques (CE50) 0,016 mg/l Espèce: Daphnia magna Immobilisation Durée d'exposition: 48 h Méthode: OCDE Ligne directrice 202
Toxicité pour les algues (CE50r) 0,049 mg/l Espèce: Pseudokirchneriella subcapitata (algues vertes) Test d'inhibition de la multiplication cellulaire Durée d'exposition: 72 h Méthode: OCDE Ligne directrice 201
Toxicité pour les bactéries (CE50): 7,75 mg/l Espèce: boue activée Inhibition de la respiration Durée d'exposition: 3 h Méthode: OCDE Ligne directrice 209
- 12.6.2 Toxicity to bacteria:** Toxic to bacteria. 7.75 mg/l: boue activée : 3 H : methode: OCED 209
- 12.6.3 Toxicity to birds:** Not determined.
- 12.7 Photochemical ozone creation potential:** Non
- 12.8 General information(s):** Valeurs valables pour la matière active There is no data available on the product itself.

SECTION 13 Disposal considerations

- 13.1 Waste treatment methods:** Do not flush into surface water or sewer system. Must be incinerated according to local legislation.
- 13.2 Contaminated packaging:** Dirty containers can be disposed after rinse as normal waste. Consult therefore your local authority.
- 13.3 Local/national disposal regulation(s):** Waste to eliminate according to chemical waste law.

SECTION 14 Transport information

- 14.1 General Information(s):** Not classified as dangerous in the meaning of transport regulations.
- 14.2 UN Number:** None
- 14.3 Land (Road/Railway: ADR/RED):** Exempt from ADR/RID regulations
- 14.4 Sea (IMDG):** Exempt from IMDG regulations.
- 14.5 Air (ICAO/IATA):** Exempt from ICAO/IATA regulations
- 14.6 Environmental Hazards:** Non
- 14.7 Special precautions for user:** Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used.
- 14.8 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** /
- 14.9 Further Information(s):** /

SECTION 15 Regulatory information

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

Product concerned under the directive of the biocides.

15.2 Chemical safety assessment

/

15.3 Important remarks

The use of this preparation is reserved to the professional users.

SECTION 16 Other information

16.1 According Legislations

Information in this safety data sheet is in compliance with national laws and CE directives. The product must be registered with the competent authorities.

16.2 Text of the phrases listed in section 3:

R11 Highly flammable.
R22 Harmful if sw allow ed.
R34 Causes burns.
R50 Very toxic to aquatic organisms.
H225 Highly flammable liquid and vapour.
H302 Harmful if sw allow ed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life

16.3 Important remarks:

It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. Such information is actually to be best of our knowledge and believes accurate as reliable. It is user's liabilities to take all necessary measures to meet local required laws and regulations

16.4 Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).

16.5 Recommendation(s):

Expiry date: 2 years after the date of manufacture.

16.6 References and / or bibliography:

Complies with the biocides directive. Acronyms and abbreviations
ADR: European Agreement on the Carriage of Dangerous Goods by Road
RID: International regulations concerning the transport of goods dangerous by rail
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association.
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
N°CE: European Chemical number : EINECS, ELINCS or NLP
PBT: Persistent, Bioaccumulable & Toxique
PNEC: Predicted No Effect Concentration
vPvB: Very Persistent and Very Bioaccumulable
VM: Average Exposure Value (over 8 h.)
TLV: Exposure Limit Value (15 min.)
LD50: Lethal Dose 50, Dose of a substance that causes 50% mortality in the population exposed to this substance for a given period of time.
LC50: Lethal Concentration 50, Concentration which in an ecotoxicity test results in the mortality of 50% of the species tested for a period of time given.
CE50: Effective Concentration 50, Concentration which in an ecotoxicity test results in an intended effect of 50% on the species tested for a period of given time

16.7 Training Advice:

Provide staff instruction on the risks, the precautions to be taken, observe and the measures to be taken in the event of an accident. The user will take under his sole responsibility for the precautions related to the use he makes of the product.

16.8 Other Data

Product declared to INRS under No. 90320

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