



SAFETY DATA SHEET

according to Regulation (EC)
No 1907/2006 (REACH)

SWA PAR+

Creation date: 25/10/ 2024
Revision: 0

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

1.1 Product identifier:

Product name SWA PAR+

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

Identified uses Horticultural & agricultural plants and crops

1.3 Details of the supplier of the Safety Data Sheet

| | |
|------------------------|--|
| Company Address | Andrew Turnbull T/A SouthWest Agronomy Unit 6 Tavy Business Centre, Pitts Cleave Industrial Estate Tavistock Devon PL19 0NU United Kingdom |
| Telephone | 01822 369005 |
| Email | enquiries@swagronomy.com |

1.4 Emergency telephone number

Emergency telephone 07900 692052

SECTION 2: Hazard identification


2.1 Classification of the substance or mixture

2.1.1 Classification - 1999/45/EC Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Main hazards Harmful if swallowed. Irritating to eyes and skin

2.1.2 EC 1272/2008 Eye irritation 2B - H320

2.2 Label elements

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| Hazard pictograms |  |
| Signal word | Warning |
| Hazard statement | Eye Irritation 2: H320 - Causes eye irritation |
| Precautionary statement: Prevention | P264 - Wash thoroughly after handling P270 - Do not eat, drink, or smoke when using this product P280 - Wear protective gloves, clothing, eye, and face protection |
| Precautionary statement: Response | 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. P333+P313 - If skin irritation or rash occurs: get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention. |
| Precautionary statement: Disposal | P501 - Dispose of contents/container according to local regulations |

SECTION 3: Composition/information on ingredients

3.1 Substances

67/548/EEC / 1999/45/EC

| Chemical name | Index no. | CAS no. | EC No. | REACH Registration No. | Classification |
|-------------------------------------|-----------|-----------|-----------|------------------------|--|
| 5-Aminolevulinic acid hydrochloride | | 5451-09-2 | 226-679-5 | | No components need to be disclosed according to the applicable regulations |

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
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| Inhalation | Inhalation of vapour may cause shortness of breath. Seek medical attention if irritation or symptoms persist. |
| Eye contact | After eye contact: rinse out with plenty of water. Remove contact lenses. |
| Skin contact | In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. |
| Ingestion | After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell. |

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

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| Inhalation | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 |
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4.3. Indication of any immediate medical attention and special treatment needed

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| No data available | |
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SECTION 5: Fire fighting measures

5.1. Extinguishing media

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| Suitable extinguishing media | Water Foam Carbon dioxide (CO2) Dry powder |
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5.2. Special hazards arising from the substance or mixture

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| | Carbon oxides Nitrogen oxides (NOx) Hydrogen chloride gas Combustible. Fire may cause evolution of: nitrous gases, nitrogen oxides, Hydrogen chloride gas Development of hazardous combustion gases or vapours possible in the event of fire. |
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5.3. Advice for firefighters

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| | Wear suitable respiratory equipment when necessary. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| | Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8. |
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6.2. Environmental precautions

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| | Do not allow product to enter drains. Prevent further spillage if safe. |
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6.3. Methods and material for containment and cleaning up

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| | Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts. |
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6.4 Reference to other sections

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| | For disposal see section 13. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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| | For precautions see section 2.2. |
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7.2. Conditions for safe storage, including any incompatibilities

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| | Keep in a cool, dry, well ventilated area. Store in original container and keep containers tightly closed. Store in correctly labelled containers. |
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SECTION 8: Exposure controls/personal protection

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| 8.1. Control parameters | Ingredients with workplace control parameters: Contains no substances with occupational exposure limit values. |
| 8.2. Exposure controls | |
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Ensure eyewash is in close proximity. |
| Eye / face protection | Approved safety goggles and gloves |
| Skin protection - Hand protection | Wear chemical splash protective goggles This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves. Full contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves. Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:KCL 741 Dermatril® L |
| Respiratory protection | Required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type P1 The Customer has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented. |
| Control of environmental exposure | Do not let product enter drains. |

SECTION 9: Physical and chemical properties

9.1 Physical & chemical properties

| | |
|----------------------------------|---------------------------------|
| Physical state | Liquid |
| Form | Liquid |
| Colour | Clear |
| Odour | Odourless |
| Odour threshold | No data available |
| pH | 3 |
| Melting/freezing point | 150°C - Decompresses on heating |
| Boiling point | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability | Non flammable |
| Upper explosive limit | No data available |
| Lower explosive limit | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Specific gravity | No data available |
| Solubility | Soluble in water |
| Partition n-octanol/water | No data available |
| Autoignition temperature | No data available |

| | |
|------------------------------|-------------------|
| Thermal decomposition | No data available |
| Viscosity | 20 cps @ 21°C |
| Explosive properties | No data available |
| Oxidizing properties | No data available |

SECTION 10: Stability and reactivity

10.1 Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

10.2 Chemical stability

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| | Stable under normal conditions |
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10.3 Possibility of hazardous reactions

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| | No data available |
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10.4 Conditions to avoid

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| | No data available |
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10.5 Incompatible materials

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| | Strong oxidizing materials |
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10.6 Hazardous decomposition products

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| | In the event of fire see Section 5 |
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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| Acute toxicity | No data is available |
| Skin corrosion/irritation | May cause irritation to skin. May cause irritation to eyes. |
| Serious eye damage/irritation | No data is available |
| Respiratory or skin sensitisation | May cause sensitisation by inhalation and skin contact. |
| Germ cell mutagenicity | No data is available |
| Carcinogenicity | IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| Reproductive toxicity | No data is available |
| Specific target organ toxicity - single exposure | No data is available |
| Specific target organ toxicity - repeated exposure | No data is available |
| Aspiration hazard | No data is available |

11.2 Additional information

| | |
|--|---------------------------------------|
| | No data is available on this product. |
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SECTION 12: Ecological information

12.1 Toxicity

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| | No data is available |
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12.2 Persistence and degradability

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| | No data is available |
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12.3 Bio accumulative potential

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| | No data is available |
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12.4 Mobility in soil

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| | No data is available |
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12.5 Results of PBT and vPvB Assessment

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| | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |
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12.6 Other adverse effects

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| | Discharge into the environment must be avoided. |
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

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| Product | Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself. Notice Directive on waste 2008/98/EC. |
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SECTION 14: Transport information

In accordance with ADR/RID/ADNR/IMDG/ICAO/IATA

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| | The product is not classified as dangerous for transport |
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SECTION 15: Regulatory information

15.1 Safety legislation specific for the substance or mixture

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| 15.1.1 EU Regulations | No restrictions according to Annex XVII of REACH. Does not contain REACH candidate substances. |
| 15.1.2 National regulations | No information available |
| 15.2 Chemical safety assessment | No information available |

SECTION 16: Other information

Other information

Further information

| | |
|--|---|
| | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. |
|--|---|