# Hypa Green™ All Surfaces & Floor Cleaner

**(Water Soluble Paper Sachets)**

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 01/06/2025 Revision date: 1/06/2026 Version: 1.0

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

### 1.1. Product identifier

Product name : HypaGreen All Surface & Floor Cleaner (Water Soluble Paper Sachets)
Product code : ASC20 / ASC100

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

#### 1.2.1. Relevant identified uses

Use of the substance/mixture : Biological product for cleaning surfaces & floors

#### 1.2.2. Uses advised against

No additional information available

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

**MINIZ GROUP**
Registered Office:
24 Hasler Road
Osborne Park WA 6017
T: AUSTRALIA 1800 512 180 | NEW ZEALAND 0800 60 59 40
hello@minizgroup.com

### 1.4. Emergency telephone number

Poisons Information Centre : Australia 131 126 New Zealand 0800 764 766

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Serious eye damage/eye irritation, Category 2 H319
Full text of H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

Causes serious eye irritation.

### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H319 - Causes serious eye irritation.
Precautionary statements (CLP) : P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| Sodium Carbonate | CAS-No.: 497-19-8<br>EC-No.: 207-838-8<br>REACH-no: 01-2119485498-19-XXXX | ≥ 25 – < 50 | Eye Irrit. 2, H319 |
| Citric acid | CAS-No.: 5949-29-1<br>EC-No.: 201-069-1<br>EC Index-No.: 607-750-00-3<br>REACH-no: 01-2119457026-42-XXXX | ≥ 10 – < 20 | Eye Irrit. 2, H319<br>STOT SE 3, H335 |
| C08-10 Alkyl glucoside | CAS-No.: 68515-73-1<br>EC-No.: 500-220-1<br>REACH-no: 01-2119488530-36-XXXX | ≥ 1 – < 5 | Eye Dam. 1, H318 |

| Specific concentration limits: | | |
|---|---|---|
| **Name** | **Product identifier** | **Specific concentration limits (%)** |
| C08-10 Alkyl glucoside | CAS-No.: 68515-73-1<br>EC-No.: 500-220-1<br>REACH-no: 01-2119488530-36-XXXX | (3 ≤ C < 9.99) Eye Irrit. 2, H319<br>(10 ≤ C < 100) Eye Dam. 1, H318 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : To our knowledge, the product does not present any particular risk, under normal conditions of use. If the person feels unwell : Move to fresh air.
First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Removecontact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : Causes serious eye irritation.
Symptoms/effects after inhalation : May cause slight irritation.
Symptoms/effects after skin contact : May cause slight irritation to the skin.
Symptoms/effects after eye contact : May cause eye irritation.
Symptoms/effects after ingestion : May cause irritation to the digestive tract.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : No special requirement . Avoid contact with skin.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.
Measures in case of dust release : Ventilate area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take actionwithout suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid direct discharge into drains.

### 6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Wash the spillage site with large amounts of water.
Other information : Small amount of unwanted product may be flushed with water to sewer.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed : Avoid creating or spreading dust.
Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes.
Hygiene measures : Always wash hands after handling the product.

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

Technical measures : Does not require any specific or particular technical measures.
Storage conditions : Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| BioHygiene All Surfaces & Floor Cleaner (Water Soluble Paper Sachets) | |
|---|---|
| **United Kingdom - Occupational Exposure Limits** | |
| Remark | Contains no substances with occupational work exposure limits. |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

| Citric acid (5949-29-1) | |
|---|---|
| **PNEC (Water)** | |
| PNEC aqua (freshwater) | 0.44 mg/l |
| PNEC aqua (marine water) | 0.044 mg/l |
| **PNEC (Sediment)** | |
| PNEC sediment (freshwater) | 34.6 mg/kg dwt |
| PNEC sediment (marine water) | 3.46 mg/kg dwt |
| **PNEC (Soil)** | |
| PNEC soil | 33.1 mg/kg dwt |
| **PNEC (STP)** | |
| PNEC sewage treatment plant | 1000 mg/l |

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**
Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**
No special requirement . Always wash hands after handling the product. Do not open water-soluble inner bag.

**Personal protective equipment symbol(s):**



#### 8.2.2.1. Eye and face protection

**Eye protection:**
Eye protection not appliable, due to the product being in a water soluble sachet. Always wash hands after handling the produc t

#### 8.2.2.2. Skin protection

**Skin and body protection:**
No special clothing/skin protection equipment is recommended under normal conditions of use

**Hand protection:**
In case of repeated or prolonged contact wear gloves. Always wash hands after handling the product

| Hand protection | | | | | |
|---|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** | **Standard** |
| Disposable gloves, Type C | Nitrile rubber (NBR) | 1 (> 10 minutes) | | | EN ISO 374 |
| Reusable gloves, Type A | Nitrile rubber (NBR) | 2 (> 30 minutes) | >0.38mm | | EN ISO 374 |

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**
Not necessary with sufficient ventilation

#### 8.2.2.4. Thermal hazards

**Thermal hazard protection:**
Not required.

#### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**
Avoid unnecessary release to the environment.

**Consumer exposure controls:**
Avoid dust formation.

## SECTION 9: Physical and chemical properties

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

| | | |
|---|---|---|
| Physical state | : | Solid |
| Colour | : | Blue. |
| Appearance | : | Fine powder in a Water-Soluble Sachet. |
| Odour | : | Pleasant. |
| Odour threshold | : | Not available |
| Melting point | : | Not available |
| Freezing point | : | Not applicable |
| Boiling point | : | Not available |
| Flammability | : | Non flammable. |
| Lower explosion limit | : | Not applicable |
| Upper explosion limit | : | Not applicable |
| Flash point | : | Not applicable |
| Auto-ignition temperature | : | Not applicable |
| Decomposition temperature | : | Not available |
| pH | : | 8 |
| pH solution | : | Not available |
| Viscosity, kinematic | : | Not applicable |
| Solubility | : | Easily soluble. |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | Not available |
| Vapour pressure at 50°C | : | Not available |
| Density | : | Not available |
| Relative density | : | Not available |
| Relative vapour density at 20°C | : | Not applicable |
| Particle size | : | Not available |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| **Citric acid (5949-29-1)** | |
|---|---|
| LD50 oral | 5400 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:, 95% CL: 4500 - 6400 |
| LD50 dermal rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| **Sodium Carbonate (497-19-8)** | |
| LD50 oral rat | 2800 mg/kg bodyweight Animal: rat |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: other: |
| **C08-10 Alkyl glucoside (68515-73-1)** | |
| LD50 oral rat | > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method) |
| LD50 dermal rabbit | > 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |

Skin corrosion/irritation : Not classified
pH: 8

| Sodium Carbonate (497-19-8) | |
|---|---|
| pH | ≈ 11.6 Concentration: (≈)0,1 other: |

Serious eye damage/irritation : Causes serious eye irritation.
pH: 8

| Sodium Carbonate (497-19-8) | |
|---|---|
| pH | ≈ 11.6 Concentration: (≈)0,1 other: |

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified

| Citric acid (5949-29-1) | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : Not classified

| Citric acid (5949-29-1) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 8000 mg/kg bodyweight Animal: rat |
| NOAEL (oral, rat, 90 days) | 4000 mg/kg bodyweight Animal: rat |

| C08-10 Alkyl glucoside (68515-73-1) | |
|---|---|
| NOAEL (oral, rat, 90 days) | 100 mg/kg bodyweight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents) |

Aspiration hazard : Not classified

| BioHygiene All Surfaces & Floor Cleaner (Water Soluble Paper Sachets) | |
|---|---|
| Viscosity, kinematic | Not applicable |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended.
Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long –term (chronic) : Not classified

| Sodium Carbonate (497-19-8) | |
|---|---|
| LC50 - Fish [1] | 300 mg/l Test organisms (species): Lepomis macrochirus |
| EC50 - Crustacea [1] | 200 – 227 mg/l Test organisms (species): Ceriodaphnia sp. |
| EC50 - Crustacea [2] | 200 – 227 mg/l Test organisms (species): Ceriodaphnia sp. |

| C08-10 Alkyl glucoside (68515-73-1) | |
|---|---|
| LC50 - Fish [1] | 100.81 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |
| LC50 - Fish [2] | 170 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) |

| C08-10 Alkyl glucoside (68515-73-1) | |
|---|---|
| EC50 - Crustacea [1] | > 100 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | 27.22 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |
| EC50 72h - Algae [2] | 37 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) |

### 12.2. Persistence and degradability

| BioHygiene All Surfaces & Floor Cleaner (Water Soluble Paper Sachets) | |
|---|---|
| Persistence and degradability | Rapidly degradable |
| **Citric acid (5949-29-1)** | |
| Persistence and degradability | Not rapidly degradable |
| **Sodium Carbonate (497-19-8)** | |
| Persistence and degradability | Not rapidly degradable |
| **C08-10 Alkyl glucoside (68515-73-1)** | |
| Persistence and degradability | Not rapidly degradable |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.2. UN proper shipping name** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.3. Transport hazard class(es)** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.4. Packing group** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| **14.5. Environmental hazards** | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | | |

### 14.6. Special precautions for user

**Overland transport**
Not applicable

**Transport by sea**
Not applicable

**Air transport**
Not applicable

**Inland waterway transport**
Not applicable

**Rail transport**
Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

**REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (1005/2009)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone lay er)

**Dual-Use Regulation (428/2009)**

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on themarketing and use of explos ives precursors)

### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on mar ket of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

### 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Abbreviations and acronyms: | |
|---|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |

| Abbreviations and acronyms: | |
|---|---|
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disrupting properties |

| Full text of H- and EUH-statements: | |
|---|---|
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.