



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

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

#### 1.1. Product identifier

ATLAS GEMINI RS

Substance / mixture

mixture

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

##### Mixture's intended use

Silicone plaster

##### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

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

##### Manufacturer

Name or trade name

ATLAS sp. z o.o.

Address

ul. Jana Kilińskiego 2, Łódź, 91-421

Poland

VAT Reg No

PL9471936467

Phone

+48 42 631 88 00

E-mail

msds@atlas.com.pl

Web address

www.atlas.com.pl

##### Competent person responsible for the safety data sheet

Name

ATLAS sp. z o.o.

E-mail

msds@atlas.com.pl

#### 1.4. Emergency telephone number

112 - emergency number

+48 800 168 083 - ATLAS INFOLINE telephone, open from Monday to Friday between 8:00 am - 4:00 pm, other information is answered by the machine.

National Health Service (NHS) 111

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Sens. 1A, H317

Aquatic Chronic 3, H412

##### Most serious adverse effects on human health and the environment

May cause an allergic skin reaction. The titanium dioxide used contains less than 1% of the fraction in the range of 0-10 µm.

#### 2.2. Label elements

##### Hazard pictogram



##### Signal word

Warning

##### Hazardous substances

reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1)

##### Hazard statements

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P102

Keep out of reach of children.

P273

Avoid release to the environment.



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|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of water with soap..  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P501 Dispose of contents/container to properly marked containers for selective waste collection emptied by an authorized company.

### Supplemental information

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. The mixture does not contain substances meeting the criteria for PBT or vPvB substances according to Annex XIII of the Regulation (EC) No 1907/2006 (REACH) in the version in force.

Contains biocidal products

Terbuthrin CAS: 886-50-0

2-octyl-2H-isothiazol-3-one CAS: 26530-20-1

Zinc pyrithione CAS 13463-41-7

Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazol-2,5 (1H, 3H) -dione CAS: 5395-50-6

Post-reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3: 1). CAS: 55965-84-9

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers                                                                                   | Substance name                                                                                             | Content in % weight | Classification according to Regulation (EC) No 1272/2008                                                                                                                                                                                                                                   | Note |
|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| CAS: 16389-88-1<br>EC: 240-440-2                                                                         | dolomite powder                                                                                            | 10-13               | not classified as dangerous                                                                                                                                                                                                                                                                |      |
| Index: 022-006-00-2<br>CAS: 13463-67-7<br>EC: 236-675-5<br>Registration number:<br>01-2119489379-17-0004 | titanium dioxide                                                                                           | 0.5-3               | not classified as dangerous                                                                                                                                                                                                                                                                | 2    |
| CAS: 5395-50-6<br>EC: 226-408-0                                                                          | Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6) | 0.01-0.1            | Skin Sens. 1B, H317                                                                                                                                                                                                                                                                        |      |
| Index: 030-013-00-7<br>CAS: 1314-13-2<br>EC: 215-222-5                                                   | zinc oxide                                                                                                 | 0.01-0.015          | Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1)                                                                                                                                                                                                                               |      |
| CAS: 13463-41-7<br>EC: 236-671-3<br>Registration number:<br>01-2119511196-46-xxxx                        | Zinc pyrithione (CAS: 13463-41-7)                                                                          | 0.003-0.007         | Acute Tox. 3, H301<br>Eye Dam. 1, H318<br>Acute Tox. 2, H330<br>Repr. 1B, H360D<br>STOT RE 1, H372 (inhalation)<br>Aquatic Acute 1, H400 (M=1 000)<br>Aquatic Chronic 1, H410 (M=10)<br>Specific concentration limit:<br>ATE Inhalation (dust/mist) = 0,14 mg/l<br>ATE Oral = 221 mg/kg bw |      |
| CAS: 886-50-0<br>EC: 212-950-5                                                                           | terbuthrin (CAS: 886-50-0)                                                                                 | 0.003-0.006         | Acute Tox. 4, H302<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100)                                                                                                                                                                                                     |      |



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

Creation date 05th October 2022 Revision no.  
Revision date 24th October 2024 Version 1.2

| Identification numbers                                                                                   | Substance name                                                                                                                          | Content in % weight | Classification according to Regulation (EC) No 1272/2008                                                                                                                                                                                                                                                                                                                                                                  | Note |
|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| Index: 613-112-00-5<br>CAS: 26530-20-1<br>EC: 247-761-7<br>Registration number:<br>01-2120768921-45-xxxx | 2-octyl-2H-isothiazol-3-one (CAS: 26530-20-1)                                                                                           | 0.001-0.0035        | Acute Tox. 3, H301+H311<br>Skin Corr. 1B, H314<br>Skin Sens. 1A, H317<br>Eye Dam. 1, H318<br>Acute Tox. 2, H330<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100)<br>EUH071<br>Specific concentration limit:<br><br>Skin Sens. 1A, H317: C ≥ 0.0015 %<br>ATE Inhalation (dust/mist) = 0,27 mg/l<br>ATE Dermal = 311 mg/kg bw<br>ATE Oral = 125 mg/kg bw                                                 |      |
| Index: 613-167-00-5<br>CAS: 55965-84-9                                                                   | reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7]and 2-methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1) | 0-0.00149           | Acute Tox. 3, H301<br>Acute Tox. 2, H310+H330<br>Skin Corr. 1C, H314<br>Skin Sens. 1A, H317<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100)<br>EUH071<br>Specific concentration limit:<br>Eye Irrit. 2, H319: 0.06 % ≤ C < 0.6 %<br>Skin Sens. 1A, H317: C ≥ 0.0015 %<br>Skin Irrit. 2, H315: 0.06 % ≤ C < 0.6 %<br>Skin Corr. 1C, H314: C ≥ 0.6 %<br>Eye Dam. 1, H318: C ≥ 0.6 % | 1    |

### Notes

- Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.*
- A substance for which exposure limits are set.*

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

#### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.



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

## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

#### If inhaled

Not expected.

#### If on skin

May cause an allergic skin reaction.

#### If in eyes

Not expected.

#### If swallowed

Irritation, nausea.

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

Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

#### Unsuitable extinguishing media

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

## SECTION 6: Accidental release measures

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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in a dedicated, cool, dry and well ventilated place. Storage temperature from + 5 ° C to + 30 ° C. Before use, the product should be mixed.

### 7.3. Specific end use(s)

not available



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

##### United Kingdom

##### EH40/2005 Workplace exposure limits (Fourth Edition 2020)

| Substance name (component)         | Type   | Value               |
|------------------------------------|--------|---------------------|
| titanium dioxide (CAS: 13463-67-7) | WEL 8h | 4 mg/m <sup>3</sup> |

Notes

*Respirable.*

##### United Kingdom

##### EH40/2005 Workplace exposure limits (Fourth Edition 2020)

| Substance name (component)         | Type   | Value                |
|------------------------------------|--------|----------------------|
| titanium dioxide (CAS: 13463-67-7) | WEL 8h | 10 mg/m <sup>3</sup> |

Notes

*Total inhalable.*

#### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

##### Eye/face protection

It is not needed.

##### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly. Recommended gloves in accordance with PN-EN 374. Material: nitrile rubber. Material thickness > 0.1mm. Breakthrough time >480 min.

##### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

##### Thermal hazard

Data not available.

##### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

### SECTION 9: Physical and chemical properties

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

|                                              |                                       |
|----------------------------------------------|---------------------------------------|
| Appearance                                   |                                       |
| physical state                               | liquid at 20 °C                       |
| form                                         | liquid                                |
| color                                        | white, various                        |
| Odour                                        | Characteristic for acrylic dispersion |
| pH                                           | 8-9 (undiluted)                       |
| Melting point/freezing point                 | not determined                        |
| Initial boiling point and boiling range      | >100 °C                               |
| Flash point                                  | not determined                        |
| Flammability (solid, gas)                    | non-flammable                         |
| Upper/lower flammability or explosive limits |                                       |
| explosive limits                             | not determined                        |
| Vapour pressure                              | not determined                        |
| Solubility(ies)                              |                                       |
| solubility in water                          | miscible                              |
| Partition coefficient: n-octanol/water       | not determined                        |
| Auto-ignition temperature                    | not determined                        |
| Decomposition temperature                    | not determined                        |
| Viscosity                                    |                                       |
| Kinematic viscosity                          | not determined                        |



# SAFETY DATA SHEET

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## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

|                               |                       |
|-------------------------------|-----------------------|
| Density                       | 1.9 g/cm <sup>3</sup> |
| <b>9.2. Other information</b> |                       |
| particle characteristics      | not determined        |
| relative vapour density       | not determined        |

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

#### 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Unknown.

#### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

#### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

#### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

| 2-octyl-2H-isothiazol-3-one (CAS: 26530-20-1) |           |              |               |         |     |
|-----------------------------------------------|-----------|--------------|---------------|---------|-----|
| Route of exposure                             | Parameter | Value        | Exposure time | Species | Sex |
| Inhalation (dust/mist)                        | ATE       | 0.27 mg/l    |               |         |     |
| Dermal                                        | ATE       | 311 mg/kg bw |               |         |     |
| Oral                                          | ATE       | 125 mg/kg bw |               |         |     |

| Zinc pyrithione (CAS: 13463-41-7) |           |              |               |         |     |
|-----------------------------------|-----------|--------------|---------------|---------|-----|
| Route of exposure                 | Parameter | Value        | Exposure time | Species | Sex |
| Inhalation (dust/mist)            | ATE       | 0.14 mg/l    |               |         |     |
| Oral                              | ATE       | 221 mg/kg bw |               |         |     |

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### Germ cell mutagenicity

Based on available data the classification criteria are not met.



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

### Carcinogenicity

Based on available data the classification criteria are not met.

### Reproductive toxicity

Based on available data the classification criteria are not met.

### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

### Aspiration hazard

Based on available data the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

not available

#### Acute toxicity

| Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6) |          |             |               |                                         |             |
|------------------------------------------------------------------------------------------------------------|----------|-------------|---------------|-----------------------------------------|-------------|
| Parameter                                                                                                  | Method   | Value       | Exposure time | Species                                 | Environment |
| EC <sub>50</sub>                                                                                           | OECD 202 | 38.9 mg/l   | 48 hours      | Daphnia (Daphnia magna)                 |             |
| LC <sub>50</sub>                                                                                           | OECD 203 | 17.6 mg/kg  | 96 hours      | Fish (Oncorhynchus mykiss)              |             |
| NOEC                                                                                                       | OECD 211 | 11.2 mg/l   | 21 days       | Other aquatic organisms (Daphnia magna) |             |
| NOEC                                                                                                       | OECD 201 | 3.93 mg/l   | 72 hours      | Algae (Selenastrum capricornutum)       |             |
| EC <sub>50</sub>                                                                                           | OECD 209 | >1000 mg/kg | 0.5 hours     | Other aquatic organisms                 |             |

### 12.2. Persistence and degradability

not available

#### Biodegradability

| Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6) |           |       |               |             |        |
|------------------------------------------------------------------------------------------------------------|-----------|-------|---------------|-------------|--------|
| Parameter                                                                                                  | Method    | Value | Exposure time | Environment | Result |
|                                                                                                            | OECD 301A | >70 % |               |             |        |

### 12.3. Bioaccumulative potential

Data not available.



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

Creation date 05th October 2022 Revision no.  
Revision date 24th October 2024 Version 1.2

### Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl) imidazo [4,5-d] imidazole-2,5 (1H, 3H) -dione (CAS: 5395-50-6)

| Parameter        | Method   | Value    | Exposure time | Species                                           | Environment | Temperature [°C] |
|------------------|----------|----------|---------------|---------------------------------------------------|-------------|------------------|
| EC <sub>50</sub> | OECD 201 | 8.5 mg/l | 72 hours      | Other aquatic organisms (Desmodesmus subspicatus) |             |                  |
| BCF              | OECD 107 | 1.41     |               |                                                   |             |                  |

#### 12.4. Mobility in soil

Data not available.

#### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Other adverse effects

Data not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Producer Responsibility Obligations (Packaging Waste) Regulations 2007 (S.I. No. 871 of 2007). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### SECTION 14: Transport information

#### 14.1. UN number

not subject to transport regulations

#### 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

not relevant

#### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not relevant



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

### SECTION 15: Regulatory information

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

Clean Air Act 1993 as amended. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Public health act 1961. Environmental Protection Act 1990 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

#### 15.2. Chemical safety assessment

not available

### SECTION 16: Other information

#### A list of standard risk phrases used in the safety data sheet

|           |                                                                                                  |
|-----------|--------------------------------------------------------------------------------------------------|
| EUH071    | Corrosive to the respiratory tract.                                                              |
| EUH211    | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. |
| H301      | Toxic if swallowed.                                                                              |
| H301+H311 | Toxic if swallowed or in contact with skin.                                                      |
| H302      | Harmful if swallowed.                                                                            |
| H310+H330 | Fatal in contact with skin or if inhaled.                                                        |
| H314      | Causes severe skin burns and eye damage.                                                         |
| H315      | Causes skin irritation.                                                                          |
| H317      | May cause an allergic skin reaction.                                                             |
| H318      | Causes serious eye damage.                                                                       |
| H319      | Causes serious eye irritation.                                                                   |
| H330      | Fatal if inhaled.                                                                                |
| H360D     | May damage the unborn child.                                                                     |
| H372      | Causes damage to organs through prolonged or repeated exposure if inhaled.                       |
| H400      | Very toxic to aquatic life.                                                                      |
| H410      | Very toxic to aquatic life with long lasting effects.                                            |
| H412      | Harmful to aquatic life with long lasting effects.                                               |

#### Guidelines for safe handling used in the safety data sheet

|           |                                                                                                                              |
|-----------|------------------------------------------------------------------------------------------------------------------------------|
| P102      | Keep out of reach of children.                                                                                               |
| P273      | Avoid release to the environment.                                                                                            |
| P280      | Wear protective gloves/protective clothing/eye protection/face protection.                                                   |
| P302+P352 | IF ON SKIN: Wash with plenty of water with soap..                                                                            |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention.                                                             |
| P501      | Dispose of contents/container to properly marked containers for selective waste collection emptied by an authorized company. |

#### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

#### Key to abbreviations and acronyms used in the safety data sheet

|                 |                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------|
| Acute Tox.      | Acute toxicity                                                                                    |
| ADR             | European agreement concerning the international carriage of dangerous goods by road               |
| Aquatic Acute   | Hazardous to the aquatic environment                                                              |
| Aquatic Chronic | Hazardous to the aquatic environment (chronic)                                                    |
| BCF             | Bioconcentration Factor                                                                           |
| CAS             | Chemical Abstracts Service                                                                        |
| CLP             | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures |



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
| Creation date | 05th October 2022 | Revision no. |     |
| Revision date | 24th October 2024 | Version      | 1.2 |

|                  |                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------|
| EC               | Identification code for each substance listed in EINECS                                           |
| EC <sub>50</sub> | Concentration of a substance when it is affected 50 % of the population                           |
| EINECS           | European Inventory of Existing Commercial Chemical Substances                                     |
| EmS              | Emergency plan                                                                                    |
| EU               | European Union                                                                                    |
| EuPCS            | European Product Categorisation System                                                            |
| Eye Dam.         | Serious eye damage                                                                                |
| Eye Irrit.       | Eye irritation                                                                                    |
| IATA             | International Air Transport Association                                                           |
| IBC              | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals       |
| ICAO             | International Civil Aviation Organization                                                         |
| IMDG             | International Maritime Dangerous Goods                                                            |
| INCI             | International Nomenclature of Cosmetic Ingredients                                                |
| ISO              | International Organization for Standardization                                                    |
| IUPAC            | International Union of Pure and Applied Chemistry                                                 |
| LC <sub>50</sub> | Lethal concentration of a substance in which it can be expected death of 50% of the population    |
| log Kow          | Octanol-water partition coefficient                                                               |
| MARPOL           | International Convention for the Prevention of Pollution from Ships                               |
| NOEC             | No observed effect concentration                                                                  |
| OEL              | Occupational Exposure Limits                                                                      |
| PBT              | Persistent, bioaccumulative and toxic                                                             |
| PMT              | Persistent, mobile and toxic                                                                      |
| ppm              | Parts per million                                                                                 |
| REACH            | Registration, Evaluation, Authorisation and Restriction of Chemicals                              |
| Repr.            | Reproductive toxicity                                                                             |
| RID              | Agreement on the transport of dangerous goods by rail                                             |
| Skin Corr.       | Skin corrosion                                                                                    |
| Skin Irrit.      | Skin irritation                                                                                   |
| Skin Sens.       | Skin sensitization                                                                                |
| STOT RE          | Specific target organ toxicity - repeated exposure                                                |
| UN               | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB             | Substances of unknown or variable composition, complex reaction products or biological materials  |
| VOC              | Volatile organic compounds                                                                        |
| vPvB             | Very persistent and very bioaccumulative                                                          |
| vPvM             | Very persistent and very mobile                                                                   |

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

## Statement



# SAFETY DATA SHEET

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

## ATLAS GEMINI RS

|               |                   |              |     |
|---------------|-------------------|--------------|-----|
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The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.