

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Product name : MAGNAPRINT ECO RED GRL  
Product code : G5757  
Type of product : Eco-Pigments

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

No additional information available

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

Avient Corporation - Magna Colours Ltd.  
Unit 3 Dodworth Business Park  
Upper Cliffe Road  
P.O. Box S75 3SP  
UK S75 3SP Barnsley, South Yorkshire  
UK  
T +44 (0)1226 731751, F +44(0)1226 731752  
[askspecialtyinks@avient.com](mailto:askspecialtyinks@avient.com), [www.avient.com](http://www.avient.com)

**1.4. Emergency telephone number**

Emergency number : +44 (0)1226 731751

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin sensitisation, Category 1 H317

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

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

May cause an allergic skin reaction.

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP)

: Warning

Contains

: 2-methylisothiazol-3(2H)-one; 1,2 BENZISOTHIAZOL-3(2H)-ONE; Glutaral

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.

Precautionary statements (CLP)

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**2.3. Other hazards**

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

**Component**

|                                                                                              |                                     |
|----------------------------------------------------------------------------------------------|-------------------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Glutaral (111-30-8)( <sup>1</sup> ) |
|----------------------------------------------------------------------------------------------|-------------------------------------|

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Component                                                                                     |                                    |
|-----------------------------------------------------------------------------------------------|------------------------------------|
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Glutaral (111-30-8) <sup>(1)</sup> |

<sup>(1)</sup> Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

| Component                                                                                                                                                                                                                                                                                                                               |                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 | Glutaral (111-30-8) <sup>(1)</sup> |

<sup>(1)</sup> Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Comments : Water to 100%

| Name                                                 | Product identifier                                                                                   | %        | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                          |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WATER                                                | CAS-No.: 7732-18-5                                                                                   | 40 – 60  | Not classified                                                                                                                                                                                           |
| CI Pigment Red 170                                   | CAS-No.: 2786-76-7                                                                                   | 10 – 20  | Not classified                                                                                                                                                                                           |
| MONO PROPYLENE GLYCOL                                | CAS-No.: 57-55-6<br>EC-No.: 200-338-0<br>REACH-no: 01-2119456809-23                                  | 5 – 10   | Not classified                                                                                                                                                                                           |
| CI Pigment Orange 34                                 | CAS-No.: 15793-73-4<br>EC-No.: 239-898-6                                                             | 5 – 10   | Not classified                                                                                                                                                                                           |
| Glutaral<br>substance listed on REACH Candidate List | CAS-No.: 111-30-8<br>EC-No.: 203-856-5<br>EC Index-No.: 605-022-00-X                                 | < 0.063  | Acute Tox. 2 (Inhalation), H330<br>Acute Tox. 3 (Oral), H301<br>STOT SE 3, H335<br>Skin Corr. 1B, H314<br>Resp. Sens. 1, H334<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| 1,2 BENZISOTHIAZOL-3(2H)-ONE                         | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6                                | < 0.0363 | Acute Tox. 2 (Inhalation:dust,mist), H330<br>Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410             |
| PYRITHIONE ZINC                                      | CAS-No.: 13463-41-7<br>EC-No.: 236-671-3<br>EC Index-No.: 613-333-00-7<br>REACH-no: 01-2119511196-46 | < 0.03   | Repr. 1B, H360D<br>Acute Tox. 2 (Inhalation:dust,mist), H330<br>Acute Tox. 3 (Oral), H301<br>STOT RE 1, H372<br>Eye Dam. 1, H318<br>Aquatic Acute 1, H400 (M=1000)<br>Aquatic Chronic 1, H410 (M=10)     |

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| Name                         | Product identifier                                                    | %        | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                                                                                                                                          |
|------------------------------|-----------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2-methylisothiazol-3(2H)-one | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9 | < 0.0063 | Acute Tox. 2 (Inhalation), H330<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Oral), H301<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 1, H410 |

| Specific concentration limits: |                                                                       |                                        |
|--------------------------------|-----------------------------------------------------------------------|----------------------------------------|
| Name                           | Product identifier                                                    | Specific concentration limits (%)      |
| Glutaral                       | CAS-No.: 111-30-8<br>EC-No.: 203-856-5<br>EC Index-No.: 605-022-00-X  | (0.5 ≤ C < 5) STOT SE 3; H335          |
| 1,2 BENZISOTHIAZOL-3(2H)-ONE   | CAS-No.: 2634-33-5<br>EC-No.: 220-120-9<br>EC Index-No.: 613-088-00-6 | (0.036 ≤ C ≤ 100) Skin Sens. 1A; H317  |
| 2-methylisothiazol-3(2H)-one   | CAS-No.: 2682-20-4<br>EC-No.: 220-239-6<br>EC Index-No.: 613-326-00-9 | (0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 |

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.                                                                                         |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing.                                                                   |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                                                                                           |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.                                                                             |
| First-aid measures for first aider    | : First aid workers will be equipped with suitable personal protective equipment.                                                  |

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

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Symptoms/effects after inhalation   | : None under normal conditions.        |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : None under normal conditions.        |
| Symptoms/effects after ingestion    | : None under normal conditions.        |

#### 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. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

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

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Fire hazard                                      | : No fire hazard.              |
| Explosion hazard                                 | : No direct explosion hazard.  |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

#### 5.3. Advice for firefighters

|                                |                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Firefighting instructions      | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.              |

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### SECTION 6: Accidental release measures

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

##### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

##### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

#### 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 : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

##### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### Personal protection equipment

##### Personal protective equipment:

Wear recommended personal protective equipment.

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



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### Eye and face protection

#### Eye protection:

Safety glasses

### Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

### Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                                                 |                                         |
|-------------------------------------------------|-----------------------------------------|
| Physical state                                  | : Liquid                                |
| Colour                                          | : red.                                  |
| Odour                                           | : odourless.                            |
| Odour threshold                                 | : Not available                         |
| Melting point                                   | : Not applicable                        |
| Freezing point                                  | : $\approx 0\text{ }^{\circ}\text{C}$   |
| Boiling point                                   | : $\approx 100\text{ }^{\circ}\text{C}$ |
| Flammability                                    | : Non flammable.                        |
| Lower explosion limit                           | : Not available                         |
| Upper explosion limit                           | : Not available                         |
| Flash point                                     | : $> 200\text{ }^{\circ}\text{C}$       |
| Auto-ignition temperature                       | : Not available                         |
| Decomposition temperature                       | : Not available                         |
| pH                                              | : $\approx 7$                           |
| Viscosity, kinematic                            | : Not available                         |
| Solubility                                      | : Not available                         |
| 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 available                         |
| Particle characteristics                        | : Not applicable                        |

### 9.2. Other information

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).

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### 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

#### MAGNAPRINT ECO RED GRL

LD50 oral rat > 2500 mg/kg By analogy

Skin corrosion/irritation : Not classified  
pH:  $\approx$  7

#### 2-methylisothiazol-3(2H)-one (2682-20-4)

pH 04/06/2018 00:00:00

Serious eye damage/irritation : Not classified  
pH:  $\approx$  7

#### 2-methylisothiazol-3(2H)-one (2682-20-4)

pH 04/06/2018 00:00:00

Respiratory or skin sensitisation : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

#### Glutaral (111-30-8)

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure : Not classified

#### PYRITHIONE ZINC (13463-41-7)

STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

#### PYRITHIONE ZINC (13463-41-7)

Viscosity, kinematic Not applicable

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### MAGNAPRINT ECO RED GRL

LC50 - Fish [1] > 100 mg/l By analogy

#### 2-methylisothiazol-3(2H)-one (2682-20-4)

LC50 - Fish [1] 6 mg/l

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### 2-methylisothiazol-3(2H)-one (2682-20-4)

|                                    |          |
|------------------------------------|----------|
| EC50 - Other aquatic organisms [1] | 1.6 mg/l |
|------------------------------------|----------|

## 12.2. Persistence and degradability

### MAGNAPRINT ECO RED GRL

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

|                |        |
|----------------|--------|
| Biodegradation | > 70 % |
|----------------|--------|

### MONO PROPYLENE GLYCOL (57-55-6)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### WATER (7732-18-5)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### CI Pigment Orange 34 (15793-73-4)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### CI Pigment Red 170 (2786-76-7)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 2-methylisothiazol-3(2H)-one (2682-20-4)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### 1,2 BENZISOTHIAZOL-3(2H)-ONE (2634-33-5)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### Glutaral (111-30-8)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

### PYRITHIONE ZINC (13463-41-7)

|                               |                        |
|-------------------------------|------------------------|
| 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

### Component

|                                                                                              |                                    |
|----------------------------------------------------------------------------------------------|------------------------------------|
| Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII | Glutaral (111-30-8) <sup>(1)</sup> |
|----------------------------------------------------------------------------------------------|------------------------------------|

|                                                                                               |                                    |
|-----------------------------------------------------------------------------------------------|------------------------------------|
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | Glutaral (111-30-8) <sup>(1)</sup> |
|-----------------------------------------------------------------------------------------------|------------------------------------|

<sup>(1)</sup> Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

## 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

|                                            |                                                                                               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : Disposal must be done according to official regulations.                                    |
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations            | : Disposal must be done according to official regulations.                                    |
| Product/Packaging disposal recommendations | : Disposal must be done according to official regulations.                                    |
| Additional information                     | : Do not re-use empty containers.                                                             |

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### SECTION 14: Transport information

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

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|-----------------------------------------|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| 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

##### 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 substance(s) listed on the REACH Candidate List < 0.1% or SCL: Glutaral (EC 203-856-5, CAS 111-30-8).

##### 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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### Explosives Precursors Regulation (EU 2019/1148)

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

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### Drug Precursors Regulation (EC 273/2004)

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

### National regulations

#### France

| Occupational diseases |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code                  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RG 65                 | Eczematiform lesions of allergic mechanism                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RG 66                 | Occupational rhinitis and asthma                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RG 84                 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

#### Germany

VOC ordinance (ChemVOCFarbV)

:

Water hazard class (WGK)

: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Override matching entry (12. BImSchV)

: Is not subject to the Major Accidents Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen

: None of the components are listed

SZW-lijst van mutagene stoffen

: None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

: None of the components are listed

SZW-lijst van reprotoxische stoffen –  
Vruchtbaarheid

: None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling

: PYRITHIONE ZINC is listed

#### Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### Poland

Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488).  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o L. 2023, item 891)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 16: Other information

| Abbreviations and acronyms: |                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------|
| ACGIH                       | American Conference of Government Industrial Hygienists                                         |
| 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)                                                                 |
| CAS-No.                     | Chemical Abstract Service number                                                                |
| CLP                         | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                     |
| COD                         | Chemical oxygen demand (COD)                                                                    |
| CSA                         | Chemical safety assessment                                                                      |
| DMEL                        | Derived Minimal Effect level                                                                    |
| DNEL                        | Derived-No Effect Level                                                                         |
| EC-No.                      | European Community number                                                                       |
| EC50                        | Median effective concentration                                                                  |
| ED                          | Endocrine disruptor                                                                             |
| EN                          | European Standard                                                                               |
| EWC                         | European waste catalogue                                                                        |
| 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                                                            |
| Log Kow                     | Partition coefficient n-octanol/water (Log Kow)                                                 |
| Log Pow                     | Partition coefficient n-octanol/water (Log Pow)                                                 |
| MAK                         | maximum workplace concentration                                                                 |
| NOAEC                       | No-Observed Adverse Effect Concentration                                                        |
| NOAEL                       | No-Observed Adverse Effect Level                                                                |
| NOEC                        | No-Observed Effect Concentration                                                                |
| N.O.S.                      | Not Otherwise Specified                                                                         |
| OECD                        | Organisation for Economic Co-operation and Development                                          |
| OEL                         | Occupational Exposure Limit                                                                     |
| OSHA                        | Occupational Safety & Health Administration                                                     |
| PBT                         | Persistent Bioaccumulative Toxic                                                                |
| PNEC                        | Predicted No-Effect Concentration                                                               |
| PPE                         | Personal protection equipment                                                                   |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS                         | Safety Data Sheet                                                                               |
| STP                         | Sewage treatment plant                                                                          |
| TF                          | Technical function                                                                              |
| ThOD                        | Theoretical oxygen demand (ThOD)                                                                |
| TLM                         | Median Tolerance Limit                                                                          |

# MAGNAPRINT ECO RED GRL

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Abbreviations and acronyms: |                                          |
|-----------------------------|------------------------------------------|
| TWA                         | Time Weighted Average                    |
| VOC                         | Volatile Organic Compounds               |
| vPvB                        | Very Persistent and Very Bioaccumulative |
| UFI                         | Unique Formula Identifier                |

| Full text of H- and EUH-statements: |                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------|
| Acute Tox. 2 (Inhalation)           | Acute toxicity (inhal.), Category 2                                                        |
| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2                                           |
| Acute Tox. 3 (Dermal)               | Acute toxicity (dermal), Category 3                                                        |
| Acute Tox. 3 (Oral)                 | Acute toxicity (oral), Category 3                                                          |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                                          |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1                            |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1                          |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2                          |
| Eye Dam. 1                          | Serious eye damage/eye irritation, Category 1                                              |
| Repr. 1B                            | Reproductive toxicity, Category 1B                                                         |
| Resp. Sens. 1                       | Respiratory sensitisation, Category 1                                                      |
| Skin Corr. 1B                       | Skin corrosion/irritation, Category 1, Sub-Category 1B                                     |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                                                      |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                                             |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                                                            |
| STOT RE 1                           | Specific target organ toxicity – Repeated exposure, Category 1                             |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H301                                | Toxic if swallowed.                                                                        |
| H302                                | Harmful if swallowed.                                                                      |
| H311                                | Toxic in contact with skin.                                                                |
| H314                                | Causes severe skin burns and eye damage.                                                   |
| H315                                | Causes skin irritation.                                                                    |
| H317                                | May cause an allergic skin reaction.                                                       |
| H318                                | Causes serious eye damage.                                                                 |
| H330                                | Fatal if inhaled.                                                                          |
| H334                                | May cause allergy or asthma symptoms or breathing difficulties if inhaled.                 |
| H335                                | May cause respiratory irritation.                                                          |
| H360D                               | May damage the unborn child.                                                               |
| H372                                | Causes damage to organs through prolonged or repeated exposure.                            |
| H400                                | Very toxic to aquatic life.                                                                |
| H410                                | Very toxic to aquatic life with long lasting effects.                                      |
| H411                                | Toxic to aquatic life with long lasting effects.                                           |

Magna SDS EU (REACH Annex II)

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.