

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
MAX SAUER SAS

Version 4.1 (08/03/2021) - Page 1/9

**TEMPERA A L'OEUF ROUGE HELIOS - N131001.619****SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product identifier**

Product name : TEMPERA A L'OEUF ROUGE HELIOS  
 Product code : N131001.619.  
 UFI : TTYD-6P7T-MR0M-6U12

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

Paint for artist

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

Registered company name : MAX SAUER SAS.  
 Address : 2 rue Lamarck, CS30204.22000.Saint Brieuc.FRANCE.  
 Telephone : 00 33 (0)2 96 68 20 00. Fax : 00 33 (0)2 96 61 77 19.  
 regulatory.affairs@raphael.fr

**1.4. Emergency telephone number : +33 (0)1 45 42 59 59.**

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

**SECTION 2 : HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****In compliance with EC regulation No. 1272/2008 and its amendments.**

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**2.2. Label elements****In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS07

Signal Word :

WARNING

Product identifiers :

613-326-00-9

2-METHYLISOTHIAZOL-3(2H)-ONE

613-088-00-6

1,2-BENZISOTHIAZOL-3(2H)-ONE

613-167-00-5

REACTION MASS OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND  
2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

Hazard statements :

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements - General :

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

Precautionary statements - Prevention :

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P272

Contaminated work clothing should not be allowed out of the workplace.

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)

Version 4.1 (08/03/2021) - Page 2/9

MAX SAUER SAS

**TEMPERA A L'OEUF ROUGE HELIOS - N131001.619**

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

Precautionary statements - Response :

P321

Specific treatment (see ... on this label).

P362 + P364

Take off contaminated clothing and wash it before reuse.

Precautionary statements - Disposal :

P501

Dispose of contents/container to ...

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures****Composition :**

| Identification  | (EC) 1272/2008   | Note | %               |
|---|--|------|-----------------|
| CAS: 471-34-1<br>EC: 207-439-9<br><br>CARBONATE DE CALCIUM  |  | [1]  | 2.5 <= x % < 10 |
| CAS: 56-81-5<br>EC: 200-289-5<br>REACH: exemption (annexe V)  |  | [1]  | 2.5 <= x % < 10 |
| GLYCEROL<br>CAS: 7727-43-7<br>EC: 231-784-4<br>REACH: 01-2119491274-35-XXXX   |  | [1]  | 1 <= x % < 2.5  |
| SULFATE DE BARYUM<br>INDEX: 613-326-00-9<br>CAS: 2682-20-4<br>EC: 220-239-6<br>REACH: 01-2120764690-50-XXXX<br><br>2-METHYLISOTHIAZOL-3(2H)-ONE | GHS06, GHS05, GHS09<br>Dgr<br>Acute Tox. 3, H301<br>Acute Tox. 3, 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<br>M Acute = 10<br>Aquatic Chronic 1, H410<br>M Chronic = 1<br>EUH:071 | [1]  | 0 <= x % < 1    |
| INDEX: 613-088-00-6<br>CAS: 2634-33-5<br>EC: 220-120-9<br>REACH: 01-2120761540-60-XXXX<br><br>1,2-BENZISOTHIAZOL-3(2H)-ONE                      | GHS05, GHS07, GHS09<br>Dgr<br>Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>M Acute = 1  | [1]  | 0 <= x % < 1    |

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
MAX SAUER SAS

Version 4.1 (08/03/2021) - Page 3/9

**TEMPERA A L'OEUF ROUGE HELIOS - N131001.619**

|   |   |   |              |
|---|---|---|--------------|
| INDEX: 613-167-00-5<br>CAS: 55965-84-9<br><br>REACTION MASS OF<br>5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-<br>ONE AND<br>2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1) | GHS06, GHS05, GHS09<br>Dgr<br>Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Skin Corr. 1C, H314<br>Skin Sens. 1A, H317<br>Eye Dam. 1, H318<br>Acute Tox. 2, H330<br>Aquatic Acute 1, H400<br>M Acute = 100<br>Aquatic Chronic 1, H410<br>M Chronic = 100<br>EUH:071 | B | 0 <= x % < 1 |
|---|---|---|--------------|

(Full text of H-phrases: see section 16)

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

**SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

**4.1. Description of first aid measures****In the event of splashes or contact with skin :**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

**In the event of swallowing :**

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media****5.2. Special hazards arising from the substance or mixture**

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**5.3. Advice for firefighters**

No data available.

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
MAX SAUER SAS

Version 4.1 (08/03/2021) - Page 4/9

**TEMPERA A L'OEUF ROUGE HELIOS - N131001.619****SECTION 6 : ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

**For non first aid worker**

Avoid any contact with the skin and eyes.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

**6.2. Environmental precautions**

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

**6.4. Reference to other sections**

No data available.

**SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

**7.1. Precautions for safe handling**

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

**Fire prevention :**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

**Storage**

Keep out of reach of children.

**Packaging**

Always keep in packaging made of an identical material to the original.

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

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS       | TWA :                | STEL : | Ceiling : | Definition : | Criteria : |
|-----------|----------------------|--------|-----------|--------------|------------|
| 471-34-1  | 10 mg/m <sup>3</sup> | -      | -         | -            | -          |
| 56-81-5   | 10 mg/m <sup>3</sup> |        |           |              |            |
| 7727-43-7 | 10 mg/m <sup>3</sup> |        |           |              |            |

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

| CAS     | VME : | VME :                 | Excess | Notes |
|---------|-------|-----------------------|--------|-------|
| 56-81-5 |       | 200 mg/m <sup>3</sup> |        | 2 (I) |

- France (INRS - ED984 / 2019-1487) :

| CAS      | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|----------|-----------|-------------|-----------|-------------|---------|----------|
| 471-34-1 | -         | 10          | -         | -           | -       | -        |
| 56-81-5  | -         | 10          | -         | -           | -       | -        |

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

| CAS       | TWA :                         | STEL :                       | Ceiling : | Definition : | Criteria : |
|-----------|-------------------------------|------------------------------|-----------|--------------|------------|
| 471-34-1  | 10 mg/m3                      | -                            | -         | -            | TI         |
| 56-81-5   | - ppm<br>10 mg/m <sup>3</sup> | - ppm<br>- mg/m <sup>3</sup> |           |              |            |
| 7727-43-7 | - ppm<br>4 mg/m <sup>3</sup>  | - ppm<br>- mg/m <sup>3</sup> |           |              |            |

## 8.2. Exposure controls

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

### - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex

Recommended properties :

- Impervious gloves in accordance with standard EN374

### - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### General information :

Physical state :

Viscous liquid.

#### Important health, safety and environmental information

pH :

Not stated.

Slightly basic.

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)

Version 4.1 (08/03/2021) - Page 6/9

MAX SAUER SAS

**TEMPERA A L'OEUF ROUGE HELIOS - N131001.619**

|   |                |
|---|----------------|
| Boiling point/boiling range :             | Not specified. |
| Flash Point :                             | 101.00 °C.     |
| Vapour pressure (50°C) :                  | Not relevant.  |
| Density :                                 | > 1            |
| Water solubility :                        | Dilutable.     |
| Melting point/melting range :             | Not specified. |
| Self-ignition temperature :               | Not specified. |
| Decomposition point/decomposition range : | Not specified. |

**9.2. Other information**

No data available.

**SECTION 10 : STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

No data available.

**10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)**SECTION 11 : TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

May cause an allergic reaction by skin contact.

**11.1.1. Substances****Acute toxicity :**

GLYCEROL (CAS: 56-81-5)

Oral route :

LD50 &gt; 27200 mg/kg

Species : Rat

Dermal route :

LD50 &gt; 10000 mg/kg

CARBONATE DE CALCIUM (CAS: 471-34-1)

Oral route :

LD50 &gt; 2000 mg/kg

Species : Rat (recommended by the CLP)

**11.1.2. Mixture**

No toxicological data available for the mixture.

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 2425-85-6 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
MAX SAUER SAS

Version 4.1 (08/03/2021) - Page 7/9

**TEMPERA A L'OEUF ROUGE HELIOS - N131001.619****SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity****12.1.1. Substances**

GLYCEROL (CAS: 56-81-5)

Fish toxicity :

EC50 mg/l

Duration of exposure : 96 h

Crustacean toxicity :

EC50 mg/l

Species : *Daphnia magna*

Duration of exposure : 24 h

Algae toxicity :

EC50 mg/l

Species : *Scenedesmus quadricauda*

Duration of exposure : 7 days

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability****12.2.1. Substances**

GLYCEROL (CAS: 56-81-5)

Chemical oxygen demand :

DCO = 1.16 g/g

Five-day biochemical oxygen demand :

DBO5 = 0.87 g/g

Biodegradability :

Rapidly degradable.

**12.3. Bioaccumulative potential****12.3.1. Substances**

GLYCEROL (CAS: 56-81-5)

Octanol/water partition coefficient :

log K<sub>ow</sub> = -1.75

OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

**12.4. Mobility in soil**

No data available.

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

No data available.

**12.6. Other adverse effects**

No data available.

**German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :**

WGK 2 : Hazardous for water.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

**13.1. Waste treatment methods**

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

**14.1. UN number**

-

**14.2. UN proper shipping name**

-

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

-

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

**SECTION 15 : REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/217 (ATP 14)

**- Container information:**

The mixture is contained in packaging that does not exceed 125 ml.

**- Particular provisions :**

No data available.

**- German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :**

WGK 2 : Hazardous for water.

**15.2. Chemical safety assessment**

No data available.

**SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

**Wording of the phrases mentioned in section 3 :**

|      |  |
|------|--|
| H301 | Toxic if swallowed.                      |
| H302 | Harmful if swallowed.                    |
| H310 | Fatal in contact with skin.              |
| 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.     |



SAFETY DATA SHEET (REGULATION (EC) n° 1907/2006 - REACH)  
MAX SAUER SAS

Version 4.1 (08/03/2021) - Page 9/9

**TEMPERA A L'OEUF ROUGE HELIOS - N131001.619**

|        |   |
|--------|---|
| H318   | Causes serious eye damage.                            |
| H330   | Fatal if inhaled.                                     |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract.                   |

**Abbreviations :**

UFI : Unique Formula Identifier

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.