

# Safety Data Sheet

According to Regulation (EC) No.1907/2006 (REACH), amended by Regulation  
(EC) No. 453/2010

## RUBY RED

Version number: GHS 6

Date of edition: April 2020

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

#### 1.1 Product identifier

Trade name RUBY RED  
Registration number (REACH) not relevant (mixture)

#### Other means of identification

Item code MEHALKR16

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

Relevant identified uses Consumer use (private household)  
Cosmetic  
Industrial use

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

BIOLIE  
13 rue du Bois de la Champelle  
54500 Vandoeuvre les Nancy  
France

Telephone: + 33 3 83 37 28 17

Telefax: + 33 3 83 68 52 71

e-mail: [contact@biolie.fr](mailto:contact@biolie.fr)

Site web: [www.biolie.fr](http://www.biolie.fr)

#### 1.4 Emergency telephone number

Emergency information service Austria: +431 406 43 43  
Belgium: +070 245 245 (7/7 24/24)  
Bulgaria: 359 2 9154 409  
Czech Republic tel + 420 224 919 293, + 420 224 9115 402  
Denmark: 82 12 12 12  
Estonia: tel nationally 16662, from abroad (+372) 626 93 90  
Finland: (09) 471 977 (direct) or (09) 4711 (exchange)  
France: + 33 (0) 1 45 42 59 59 (7/7 24 /24)  
Germany: 030/19240  
Hungary: +36 1 476 6464  
Ireland: 01 802566 or 01 8379964  
Italie: 0659943733  
Lithuania: 370 5 236 20 52 or 370 687 53 378  
Malta: 2545 0000  
Netherlands: 030-2748888  
New Zealand :0800 764 766 or 0800 611 116  
Norway: + 47 810 20 050  
Portugal: 808 250 143  
Romania: 021.318.36.06  
Slovakia: 421 2 5477 4166  
Spain: +34 91 562 04 20  
Sweden: 112 or 08-331231  
United Kingdom: +44 7769893997

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### 2 Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to regulation (EC) n° 1272/2008 (CLP)**

This mixture does not meet the criteria for classification in accordance with Regulation No. 1272/2008/EC.

**Classification according to Directive 1999/45/ EC (DPD)**

This mixture does not meet the criteria for classification in accordance with Directive 1999/45/EC.

#### 2.2 Label elements

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

Not required.

**Precautionary statements**

**Precautionary statements-general**

P101. If medical advice is needed, have product container or label at hand.

P102. Keep out of reach of children.

P103. Read label before use.

**Labelling according to Directive No. 1999/45/EC (DPD)**

Not required

#### 2.3 Other hazards

There is no additional information.

### 3 SECTION: Composition/ information on ingredients

#### 3.1 Substances

not relevant (mixture).

#### 3.2 Mixtures

INCI Name	CAS (***)	EINECS (***)	% (*)	Origine (**)
ALKANNA TINCTORIA ROOT EXTRACT REACH: exempted Annexe V	23444-65-7	286-469-4	F	Vegetal
HELIANTHUS ANNUUS SEED OIL REACH: exempted Annexe V	8001-21-6	232-273-9	A	Vegetal

(\*) : A > 50 % ; B : 25 – 50 % ; C : 10 – 25 % ; D : 5 – 10 % ; E : 1 – 5 % ; F < 1 %

(\*\*): (V) Vegetal; (M) Mineral; (A) Animal; (MO) Microorganism; (BT) Biotechnology; (S) Synthesis; (HS) Hemi-synthesis

(\*\*\*): CAS# & N° EINECS: the usual reference for CAS# & N° EINECS is COSING

<http://ec.europa.eu/growth/tools-databases/cosing/index.cfm?fuseaction=search.results>

### 4 SECTION: First aid measures

#### 4.1 Description of first aid measures

**General notes**

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

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### Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

### Following skin contact

Wash with plenty of soap and water.

### Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

### Following ingestion

Rinse mouth with water (only if the person is conscious) Do NOT induce vomiting.

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

Symptoms and effects are not known to date.

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

None

## 5 SECTION Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media

Water jet.

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

#### Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## 6 SECTION: Accidental release measures

### 6.1 Personal precautions, projective equipment and emergency procedures

#### For non-emergency personnel

Remove persons to safety.

#### For emergency responders

Wear breathing apparatus if exposed to vapors/dust/spray/gases.

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### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

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

#### Advices on how to contain a spill

Covering of drains.

#### Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

#### Appropriate containment techniques

Use of absorbent materials.

#### Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

#### Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: section 13.

## 7 SECTION: Handling and storage

### 7.1 Precautions for safe handling

#### Recommendations

- **Measures to prevent fire as well as aerosol and dust generation**  
Use local and general ventilation. Use only in well-ventilated areas.

#### Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work area. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

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

#### Storage conditions

Store closed containers in a dry place, protected from light and at a temperature close to 4 ° C

#### Managing of associated risks

#### Incompatible substances or mixtures

Observe hints for combined storage.

#### Consideration of other advice

- **Packaging compatibilities**  
Only packaging which are approved (e.g.acc.to ADR) may be used.

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7.3 **Specific end use(s)**  
See section 16 for a general overview.

### 8 SECTION: Exposure controls/personal protection

#### 8.1 Control parameters

##### National limit values

##### Occupational exposure limit values (Workplace Exposure Limits)

#### 8.2 Exposure controls

##### Appropriate engineering controls

General ventilation.

##### Individual protection measures (personal protective equipment))

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

- **Hand protection**

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- **Other protection measures**

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

##### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

### 9 SECTION: Physical and chemical properties

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

##### Appearance

Physical state	Liquid
Color	Red
Odor	Characteristic

##### Other physical and chemical parameters

pH(value)	Not relevant
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined

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Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not relevant (fluid)
Explosive limits	Not determined
Vapor pressure	Not determined
Density	Not determined
Relative density	This information on this property is not available.
Solubility	Oils
Partition coefficient	
N-octanol/water (log K <sub>OW</sub> )	This information is not available
Auto-ignition temperature	Not determined
Viscosity	Not determined
Explosive properties	None
Oxidizing properties	None

### 9.2 Other information

## 10 SECTION: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reaction.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### Physical stresses which might result in a hazardous situation and have to be avoided

Strong shocks

### 10.5 Incompatible materials

There is no additional information.

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

## 11 SECTION: Toxicological information

### 11.1 Information on toxicological effects

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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### Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No. 1272/2008/EC.

### Acute Toxicity

Shall not be classified as acutely toxic.

### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

### Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

### Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## 12 SECTION: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

### 12.2 Process of degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results off PBT and vPvB assessment

Data are not available.

### 12.6 Other adverse effects

Data are not available.

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### 13 SECTION: Disposal considerations

#### 13.1 Waste treatment methods

##### **Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

##### **Waste treatment of containers/packaging**

It is a dangerous waste; only packaging which are approved (e.g.acc.to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

#### 13.2 Relevant provisions relating to waste

##### **Properties of waste which render it hazardous**

Not assigned

#### 13.3 Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handle separately by the local or national waste management facilities.

### 14 SECTION: Transport information

14.1 HS Code 13021970

14.2 Un number

14.3 Un proper shipping Not relevant

14.4 Transport hazard class(es)  
Class

14.5 Packing group Not relevant

14.6 Environmental hazards

#### 14.7 Special precautions for user

Provisions for dangerous goods (ADR) should be complied within the premises.

#### 14.8 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The cargo is not intended to be carried in bulk.

### 15 SECTION: Regulatory information

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

#### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were no carried out.

### 16 SECTION: Other information

Abbreviations and acronyms

Abr.	Descriptions of used abbreviations
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ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Good by Road)
CLP	Regulation (EC) N° 1272/2008 on classification, labelling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DPD	Dangerous Preparations Directive (1999/45/CE)
GHS	«Globally Harmonized System of Classification and Labelling of Chemicals » developed by the United Nations
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr.of Marine Pollutant)
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
vPvB	very Persistent and very Bioaccumulative

Key literature references and sources for data

- Supplier
- ECHA

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/environmental hazards: the method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in chapter 2 and 3)

#### Disclaimer

This document has been prepared in compliance with Regulation (EU)453/2010 of the commission of 20 May 2010 and classification has been carried out in compliance with the Regulation (EC) 1272/2008 of the Parliament and the Council of 16 December 2008, from available data on the substance(s) or the mixture concerned by this document at its release date.

Information mentioned in this document is intended to ensure, safety on handling, use, processing, storage, transport, and placing on the market of the substance or the mixture.

This information may not be valid, if the substance or the mixture concerned by this document is used for another usage than the one mentioned in section 1 of this document.

The recipient of this safety data sheet remains responsible for its transmission within the downstream supply chain.