

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

**1. IDENTIFICATION OF SUBSTANCE AND THE COMPANY**

---

**1.1 Product details**

**Product form:** Substance  
**Trade name:** FULVAGRA® Liquid 25  
**Type of Product:** Organic soil improver  
**REACH No.:** A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline

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

**Identified uses:** Professional use in Agriculture  
**Uses advised against:** No additional information available

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

**Manufacturer/ Supplier:** Humintech GmbH  
Am Pösenberg 9-13  
41517 Grevenbroich  
Tel.: +49 2181 70 676 0  
[www.humintech.com](http://www.humintech.com)  
[info@humintech.com](mailto:info@humintech.com)

**1.4 Emergency telephone number**

**Emergency telephone number:** Bonn: Informationszentrale gegen Vergiftungen  
Emergency number: 0228 192 40  
**Availability:** 24 hours

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

## 2. HAZARDS IDENTIFICATION

---

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 (CLP)

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

### 2.2 Label elements

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

**Signal word** Not required.

**Pictograms** Not required.

### 2.3 Other hazards

PBT and vPvB not applicable: None

Other hazards which do not result in classification: None

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

---

### 3.1 Substance

**Chemical identity:** Liquid fulvic acid filtrated from drinking water

**C&L inventory:** 3,7,8-trihydroxy-3-methyl-10-oxo-1,3,4,10-tetrahydropyrano[4,3-b]chromene-9-carboxylic acid

**EINECS No.:** 610-395-7

**REACH No.:** --

**CAS No.:** 479-66-3

#### Additional information:

This product does not contain further substances fulfilling the criteria of hazard class "acute toxicity" according to CLP regulation.

### 3.2 Mixtures

Not applicable

## 4. FIRST AID MEASURES

---

### 4.1 Description of first aid measures

#### General notes

Self-protection of the first aider.

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

Remove affected person from the danger area and lay down.

In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation

Provide fresh air.

**Following skin contact**

Wash with plenty of soap and water.

Take off contaminated clothing.

If skin irritation or rash occurs: Get medical advice/attention.

**Following eye contact**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

**Following ingestion**

Rinse mouth. Do not induce vomiting.

Call a doctor.

**Notes for the doctor**

None.

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

This information is not available

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

None.

---

**5. FIRE FIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable extinguishing media

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

water jet

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

Combustible.

Hazardous decomposition products: Section 10.

Hazardous combustion products

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

**5.3 Advice for firefighters**

Keep containers cool with water spray.

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.

Special protective equipment for firefighters

Self-contained breathing apparatus (EN 133)

---

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

Ventilate affected area.

Eliminate all ignition sources if safe to do so.

Do not breathe vapour/spray.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section

8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

**For emergency responders**

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

**6.2 Environmental precautions**

Keep away from drains, surface and ground water.

Retain contaminated washing water and dispose of it.

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

**Advice on how to contain a spill**

Bunding

Covering of drains.

**Advice on how to clean up a spill**

Collect spillage.

Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

**Appropriate containment techniques**

Use of adsorbent materials.

**Other information relating to spills and releases**

Place in appropriate containers for disposal.

Ventilate affected area.

**6.4 Reference to other sections**

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

---

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Avoid contact with skin and eyes.

Do not breathe vapour/spray.

**Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

**Measures to protect the environment**

Avoid release to the environment.

Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point.

**Advice on general occupational hygiene**

Do not eat, drink and smoke in work areas.

Wash hands after use.

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

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

**Flammability hazards**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Incompatible substances or mixtures**

Incompatible materials: see section 10.

**Protect against external exposure, such as**

heat, frost

**Consideration of other advice**

Keep away from food, drink and animal feedingstuffs.

**Ventilation requirements**

Provision of sufficient ventilation.

**Specific designs for storage rooms or vessels**

Keep container tightly closed and in a well-ventilated place.

Keep cool.

**Packaging compatibilities**

Keep only in original container.

**7.3 Specific end use(s)**

No information available.

---

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

---

**8.1 Additional information about design of technical systems:**

No further data; see item 7.

**8.2 Components with limit values that require monitoring at the workplace:**

Not applicable.

**8.3 Personal protective equipment:**

**General protective and hygienic measures:**

Keep away from foodstuff, beverages and feeding stuff. Take off polluted clothes. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin.

**Breathing equipment:**

In exceptional situations (for example, unintentional release of substances, exceeding the workplace limit value), respiratory protection is required. Observe wearing time limits. Respiratory protection: Particle filter P3, color code: white.

**Eye protection:**

Tightly sealed safety glasses.

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

**Body protection.**

Protective work clothing

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Colour</b>	yellow to dark brown
<b>Odour</b>	mild
<b>Melting point/freezing point</b>	not determined
<b>Boiling point or initial boiling point and boiling Range</b>	Above 250 °C destroyed to CO <sub>2</sub> , H <sub>2</sub> O and soot
<b>Flammability</b>	not determined
<b>Lower and upper explosion limit</b>	not determined
<b>Flash point</b>	not determined
<b>Auto-ignition temperature</b>	not determined
<b>Decomposition temperature</b>	not relevant
<b>pH (value)</b>	8-8,5
<b>Kinematic viscosity</b>	not determined
<b>Dynamic viscosity</b>	not determined
<b>Solubility(ies)</b>	
<b>Water solubility</b>	miscible
<b>Partition coefficient n-octanol/water (log value)</b>	not determined
<b>Vapour pressure</b>	not determined
<b>Density and/or relative density</b>	
Density	1,12-1,14 g/cm <sup>3</sup>
Relative vapour density	information on this property is not available
<b>Particle characteristics</b>	not relevant

### 9.2 Other safety information

No further relevant information available

---

## 10. STABILITY AND REACTIVITY

---

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

No known hazardous reactions.

**10.4 Conditions to avoid**

Frost.

High temperatures.

**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. TOXICOLOGICAL INFORMATION**

---

**11.1 Information on toxicological effects:**

Oral LD50:	Not data available
Inhalation LC50:	Not data available
Dermal LD50:	Not data available

**11.2 Information on other information:**

Other Information:	Not data available
--------------------	--------------------

---

**12. ECOLOGICAL INFORMATION**

---

**12.1 Ecotoxicity:**

No data available

**12.2 Persistence and degradability:**

No data available

**12.3 Bioaccumulative potential**

Soluble in water.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Endocrine disrupting properties**

No data available.

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

**12.7 Other adverse effects**

No data available.

**13. DISPOSAL CONSIDERATIONS**

---

**13.1 Waste treatment methods**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Sewage disposal-relevant information**

Do not empty into drains.

**Waste treatment of containers/packagings**

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

**Remarks**

Please consider the relevant national or regional provisions.

**14. TRANSPORT INFORMATION**

---

14.1 UN number or ID number	not subject to transport regulations
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	-
14.7 Maritime transport in bulk according to IMO Instruments	-

**15. REGULATORY INFORMATION**

---

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

**Classification and labelling according to Regulation (EC) No. 1272/2008 (CLP):**

The product is not classified as hazardous.

No hazard pictograms, signal words or hazard statements required.

**Regulation (EC) No. 1907/2006 (REACH):**

**Restrictions according to Annex XVII:** None.

**Authorisations according to Annex XIV:** Not applicable.

**Other EU regulations:**

**SAFETY DATA SHEET**  
According to (EC) No. 1907/2006 (REACH)



Trade Name: FULVAGRA® Liquid 25

Printing date 27/02/2026

Reviewed on 28/08/2025

**Regulation (EC) No. 850/2004 on persistent organic pollutants (POPs):** Not applicable.

**Regulation (EU) No. 649/2012 (Prior Informed Consent, PIC):** Not applicable.

**Regulation (EC) No. 1005/2009 on ozone-depleting substances:** Not applicable.

**Regulation (EC) No. 648/2004 (Detergents):** Not applicable.

**VOC regulations:** Not applicable.

National regulations (Germany):

Water hazard class (WGK): Not hazardous to water (self-assessment).

No further specific national regulations known.

### **15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this substance/mixture.

## **16. OTHER INFORMATION**

---

### **Disclaimer**

The information in this SDS was obtained from sources which we believe to be reliable. Humintech provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate handling of the product by properly trained and qualified personnel. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

Humintech makes no warranties or guarantees either express or implied with respect to the information contained herein. The conditions or methods of handling, storage, use or disposal of the product are beyond our control, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

**Department issuing data specification sheet:** Product safety department

**Contact:** Mr. Müfit Tarhan

Tel.: +49 2181 70 676 12

m.tarhan@humintech.com