

# SAFETY DATA SHEET

## According to Regulation 1907/2006/CE

Doc. N° 401460 rev.2  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifiers

Product name : Endo Agar  
Product Number : 401460

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

Identified uses : Laboratory chemicals, selective reagent for microbiology

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

Company : Biolife Italiana S.r.l.  
Viale Monza 272, 20128 Milano Italia  
Tel : 0039 02 252091  
Fax: 0039 02 2576428  
E-mail: [mktg@biolifeitaliana.it](mailto:mktg@biolifeitaliana.it)

#### 1.4 Emergency telephone number

Emergency Phone : 0039 02-6610-1029 (Centro Antiveneni Niguarda)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Carcinogenicity (Category 1B), H350  
For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2 Label elements

##### Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word : Danger  
Hazard statement(s)  
H350 : May cause cancer

Precautionary statement(s)  
P201 : Obtain special instructions before use.  
P308 + P313 : IF exposed or concerned: Get medical advice/attention.

Supplemental Hazard Statements : none  
Restricted to professional users.

#### 2.3 Other hazards – none

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### SECTION 3: Composition/information on ingredients

**Biolife** Italiana S.r.l., Viale Monza 272, 20128 Milan, Italy. Tel. n°++39 02 25209.1, Fax n° ++39 02 2576428

E-mail: [mktg@biolifeitaliana.it](mailto:mktg@biolifeitaliana.it); Web Site: [www.biolifeitaliana.it](http://www.biolifeitaliana.it)

**3.2 Mixtures**
**Hazardous ingredients according to Regulation (EC) No 1272/2008**

Component	Classification	Concentration
<b>Basic Red 9- Fuxina Basica</b>		
CAS-No 569-61-9 CE-No : 209-321-2 INDEX-No : 611-031-00-X	Carc. 1B; H350	>0.1 %- < 1%

For the full text of the H-Statements mentioned in this Section, see Section 16

**SECTION 4: First aid measures**
**4.1 Description of first aid measures**
**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Immediately make victim drink water (two glasses at most). Consult a physician.

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

Diarrhoea

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

no data available

**SECTION 5: Firefighting measures**
**5.1 Extinguishing media**
**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Carbon oxides, nitrogen oxides (NO<sub>x</sub>)

**5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**5.4 Further information**

no data available

**SECTION 6: Accidental release measures**
**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

**6.2 Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**6.3 Methods and materials for containment and cleaning up** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections** For disposal see section 13.

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**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store at 10-30°C. Light sensitive. Heat sensitive.

**7.3 Specific end use(s)** A part from the uses mentioned in section 1.2 no other specific uses are stipulated.

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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Components with workplace control parameters**

It doesn't contain substances with occupational exposure limit value.

**8.2 Exposure controls****Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

**Personal protective equipment****Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body Protection**

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type P3 (EN 143) respirator cartridges as a backup to engineering

controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or GEN (EU).

**Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

a) Appearance	Form: powder Colour: violet
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	7.3 – 7.7 at 25°C at use concentration
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: noctanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

**9.2 Other safety information** no data available

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**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity</b>	no data available
<b>10.2 Chemical stability</b>	Stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions</b>	no data available
<b>10.4 Conditions to avoid</b>	Heat. Light.
<b>10.5 Incompatible materials</b>	Strong oxidizing agents
<b>10.6 Hazardous decomposition products</b>	Other decomposition products - no data available In the event of fire: see section 5

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**SECTION 11: Toxicological information**
**11.1 Information on toxicological effects**

<b>Acute toxicity of Fucsina Basica</b>	LD50 Oral - mouse - 5.000 mg/kg consider the % weight in the product
<b>Skin corrosion/irritation</b>	no data available
<b>Serious eye damage/eye irritation</b>	no data available
<b>Respiratory or skin sensitisation</b>	no data available
<b>Germ cell mutagenicity</b>	rat Liver Unscheduled DNA synthesis.
<b>Carcinogenicity</b>	This product is or contains a component that is probably not carcinogenic based on its IARC, ACGIH, NTP, or EPA classification Possible human carcinogen IARC: 2B - Group 2B: Possibly carcinogenic to humans (C.I. Basic red 9)
<b>Reproductive toxicity</b>	no data available
<b>Specific target organ toxicity - single exposure</b>	no data available
<b>Specific target organ toxicity - repeated exposure</b>	no data available
<b>Aspiration hazard</b>	no data available
<b>Additional Information</b>	Long-term feeding studies in rats and mice revealed and increased incidence of tumours in different target organs. Other dangerous properties can not be excluded. Handle in accordance with good industrial hygiene and safety practice.

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**SECTION 12: Ecological information**

<b>12.1 Toxicity for Thallic sulphate</b>	no data available
<b>12.2 Persistence and degradability</b>	no data available
<b>12.3 Bioaccumulative potential</b>	no data available
<b>12.4 Mobility in soil</b>	no data available
<b>12.5 Results of PBT and vPvB assessment</b>	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
<b>12.6 Other adverse effects</b>	no data available

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**SECTION 13: Disposal considerations**
**13.1 Waste treatment methods**

<b>Product</b>	Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
<b>Contaminated packaging</b>	Dispose of as unused product.

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**SECTION 14: Transport information**

<b>14.1 UN number</b>	ADR/RID: - IMDG: - IATA: -
<b>14.2 UN proper shipping name</b>	ADR/RID: - IMDG: - IATA: -
<b>14.3 Transport hazard class(es)</b>	ADR/RID: - IMDG: - IATA: -
<b>14.4 Packaging group</b>	ADR/RID: - IMDG: - IATA: -
<b>14.5 Environmental hazards</b>	ADR/RID: - IMDG Marine pollutant: no IATA: no
<b>14.6 Special precautions for user</b>	no data available

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**SECTION 15: Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	no data available
<b>15.2 Chemical Safety Assessment</b>	For this product a chemical safety assessment was not carried out

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**SECTION 16: Other information****Full text of H-Statements referred to under sections 2 and 3.**

Carc.	Carcinogenicity
H350	May cause cancer.

**Further information**

<b>Restrictions for use</b>	No data available
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<b>Training advice</b>	No data available
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<b>References</b>	No data available
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