

Safety data sheet

According 830/2015 amending Regulation (EC) No 1907/2006

Revision date: 23.03.2020

Date of issue: 14.05.2009

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

1.1 Product identifier

• **Trade name:** **Fluorescent magnetic powder LY 2500**

• **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.

• **Application of the substance / the mixture** Magnetic ink

1.3 Details of the supplier of the safety data sheet

• **Manufacturer/Supplier:**

• **Supplier:**

BabbCo SA	SherwinBabbCo
15, rue des Frères Lumière	
Z.I. des EBISOIRES	
78370 PLAISIR (France)	
Tel: +33 (0)1.30.80.81.82	Tel: +33 (0)1.30.80.81.98
Fax: +33 (0)1.30.80.81.99	
e-mail: babb-co@orange.fr	e-mail: SherwinBabbco@orange.fr
http: //www.babbco.fr	

• **Manufacturer:** BabbCo SA (Plaisir – France) - Tel : +33 (0)1 30 80 81 82

• **Further information obtainable from:** Product safety department

1.4 Emergency telephone number:

Tel: +33 (0)1.40.05.48.48 (Centre anti-poison de Paris)

Tel: +33 (0)1.30.80.81.98

Additional information:

Attention Medical Authorities,

In accordance with law, to the best of its knowledge, and in good faith, SherwinBabb Co herewith indicates known, or possible, risks arising from the use of the product described below.

There may be similar products on the market for which the suppliers have not indicated certain risks.

Suppliers are responsible for completing SDS forms in a manner that:

- does not give a product's user a false sense of security concerning the product's risks, or which,
- misrepresents the product in a manner that could be construed as unfair competition, or which,
- could lead to legal proceedings against the supplier.

Please contact us to answer any questions, or for additional information, concerning this document, or the product(s) described.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

• **Classification according to Regulation (EC) No 1272/2008** The product is not classified, according to the CLP regulation.

2.2 Label elements

• **Labelling according to Regulation (EC) No 1272/2008** not applicable

• **Hazard pictograms** not applicable

• **Signal word** not applicable

• **Hazard statements** not applicable

• **2.3 Other hazards** See Chapters 3 and 15 for details.

Results of PBT and vPvB assessment

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

* SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

• **Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 1309-37-1	diiron trioxide	substance with a Community workplace exposure limit	50-100%
EINECS: 215-168-2			

• **Additional information:** For the wording of the listed hazard phrases refer to section 16.

Safety data sheet

According 830/2015 amending Regulation (EC) No 1907/2006

Revision date: 23.03.2020

Date of issue: 14.05.2009

Trade name: Fluorescent magnetic powder LY 2500

(Contd. of page 1)

* SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Remove contaminated clothing.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

* SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Water haze
Foam
ABC powder
- **For safety reasons unsuitable extinguishing agents:** Water spray
- **5.2 Special hazards arising from the substance or mixture**
Carbon monoxide and carbon dioxide
No further relevant information available.
- **5.3 Advice for firefighters**
- **Special protective equipment for fire-fighters:**
Wear self-contained respiratory protective device.
Wear fully protective suit.

* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections** No dangerous substances are released.

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 3)

GB

Safety data sheet

According 830/2015 amending Regulation (EC) No 1907/2006

Revision date: 23.03.2020

Date of issue: 14.05.2009

Trade name: Fluorescent magnetic powder LY 2500

(Contd. of page 2)

8.1 Control parameters**Ingredients with limit values that require monitoring at the workplace:****CAS: 1309-37-1 diiron trioxide**

WEL	Short-term value: 10* mg/m ³ Long-term value: 5* 10** 4*** mg/m ³ *fume (as Fe), **total respirable, ***respirable
-----	--

Regulatory information WEL: EH40/2020**Additional information:** The lists valid during the making were used as basis.**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.**Respiratory protection:**

Respiratory protection:

When using a liquid based on organic compound:

- Recommended for organic vapour (type A)

When using a dry powder:

- Recommended for particulate filters (type P)

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves Natural rubber, NR**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses

Body protection: Use protective suit.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information****Appearance:****Form:** Solid**Colour:** Green**Odour:** Characteristic**Odour threshold:** Not determined.**pH-value:** Not applicable.**Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** Undetermined.**Flammability (solid, gas):** Not determined.**Decomposition temperature:** Not determined.**Auto-ignition temperature:** Product is not selfigniting.**Explosive properties:** Product does not present an explosion hazard.**Explosion limits:****Lower:** Not determined.**Upper:** Not determined.

(Contd. on page 4)

Safety data sheet

According 830/2015 amending Regulation (EC) No 1907/2006

Revision date: 23.03.2020

Date of issue: 14.05.2009

Trade name: Fluorescent magnetic powder LY 2500

(Contd. of page 3)

· Vapour pressure:	Not applicable.
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Insoluble.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Solvent content:	
VOC (1999/13/EG)	0.00 %
Solids content:	100.0 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
Stable at environment temperature.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Information on hazardous ingredients
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

(Contd. on page 5)

Safety data sheet

According 830/2015 amending Regulation (EC) No 1907/2006

Revision date: 23.03.2020

Date of issue: 14.05.2009

Trade name: Fluorescent magnetic powder LY 2500

(Contd. of page 4)

- **Additional ecological information:**
- **General notes:** Not hazardous for water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Smaller quantities can be disposed of with household waste.
Waste/ unused products
Collect all waste in suitable and labelled containers and dispose according to local legislation.
- **European waste catalogue**
07 07 04
06 03 16
- **Uncleaned packaging:**
- **Recommendation:**
Waste / used products
Waste products and empty packages dispose of in accordance with local regulations.

* SECTION 14: Transport information

· 14.1 UN-Number	
· ADR, IMDG, IATA	not applicable
· 14.2 UN proper shipping name	
· ADR, IMDG, IATA	not applicable
· 14.3 Transport hazard class(es)	
· ADR, IMDG, IATA	
· Class	not applicable
· 14.4 Packing group	
· ADR, IMDG, IATA	not applicable
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	not applicable

* SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

GB
(Contd. on page 6)

Safety data sheet

According 830/2015 amending Regulation (EC) No 1907/2006

Revision date: 23.03.2020

Date of issue: 14.05.2009

Trade name: Fluorescent magnetic powder LY 2500

(Contd. of page 5)

SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

European regulation (REACH) requires that in paragraph 16 all H sentences dealing with raw materials appearing in paragraph 2 and 3 be written. This regulation states which sentences will finally be written on labels (paragraph 3) depending on the respective concentration of every raw material in the preparation. That's why some or all of the sentences or signs shows in paragraph 16 may not be written on the label. BabbCo complies with the law. Any MSDS with the H sentences of the raw material not shown in the paragraph 16 does not comply with regulation.

- **Contact:** BabbCo SA

- **Prepared by** Babb Co S.A.

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

- *** Data compared to the previous version altered.**

GB