

PURPURINA DORADA BIODEGRADABLE

FICHA DE SEGURIDAD

SDS in accordance with Regulation (EU) 2000/878

The article object of this safety data sheet is not dangerous, is therefore not required to provide a safety data sheet under the EC Regulation 1272/2008 (CLP) and the EC Regulation 1907/2006 (REACH), Article 31 and its subsequent amendment, in particular Regulation (EU) 2020/878.

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SECTION 1. Identification of the article

Product identifier: Purpurina dorada biodegradable

Relevant identifier uses of the substance or mixture: painting, wallpapers, ornaments, printing.

SECTION 2. Hazards identification

Classification: The product is not classified as dangerous, under the EC Regulation 1907/2006 (REACH).

Classification of Danger: none.

Label elements: The product should not be labelled in accordance with the guidelines for the preparation of the products (EU regulation: (EC) 1272/2008 (CLP).

Other hazards: This product contains no substances which are assessed to be PBT or vPvB.

SECTION 3. Composition/information on ingredients

3.1 Substances

NAME	SYMBOLS,P,H- PHRASES	WEIGHT	CAS-No.	TSCA ID	DSL.	FDA
Cellulose film	non hazardous substance	85.4- 87.1%	67924-34-9	22596	67924-34-9	ref#21
Aluminium	H 226, 261 R10-15 S (2)-7/8-43	0,5%	7429-90-5	14795	7429-90-5	-----
Polyurethane coating	Non hazardous substance	2.5%	68258-82-2	41296	68258-82-2	-----
OK Compost certified solvents	Non hazardous substance	0-1 %				

3.2 Mixtures

Not relevant

SECTION 4. First Aid Measures

4.1 Description of first aid measures:

Contact with the eyes: Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Contact with the skin: Wash with water and soap as a precaution. In the case of skin irritation or allergic reactions see a physician.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Consult a physician for severe cases.

Inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

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

There are no known specific information or symptoms and effects caused by the product.

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

No particular indication

SECTION 5. Firefighting measures

5.1 Extinguishing media:

Use means and fire extinguishers compatible with the specific environmental conditions (carbon dioxide, foam, dust and water spray)

5.2 Special hazards arising from the substance or mixture:

It satisfies the requirements of EN71-2-2011 safety of Toys- flammability

Do not breathe combustion products.

If Cellulose film involved in a fire, they will continue to burn freely provided sufficient oxygen is present and even if the source of ignition is removed

The major constituents of the fumes evolved are:

Carbon dioxide, carbon monoxide and water vapor

5.3 Advice for firefighters:

Cool with water jets the containers to prevent product decomposition and the development of substances potentially hazardous to health. Always wear full fire prevention gear. Collect the water that should not be discharged into drains. Dispose of contaminated water used for extinction and the remaining fire according to applicable regulations.

EQUIPMENT

Normal clothing for fire-fighting, such as a compressed air breathing apparatus open circuit (EN 137), complete flame retardant (EN469), flame-resistant gloves (EN 659) and boots for the Fire Brigade (HO A29 or A30).

SECTION 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

None.

6.2 Environmental precautions:

None.

6.3 Methods and material for Cleaning-up:

Collect the product with the available mechanical means (vacuum, broom, etc.). Reuse if possible or dispose in accordance with current regulations.

6.4 Reference to other sections:

Any information on personal protection and disposal is given in Sections 8 and 13.

SECTION 7. Handling and Storage

7.1 Precautions for safe handling:

Handle the product after consultation with all other sections of this SDS. Avoid spray drift environment. Do not eat, drink or smoke while handling it. Remove contaminated clothing and protective equipment before entering areas in which you eat.

7.2 Precautions for safe handling:

Store only in the original container. Store closed containers in well-ventilated place, away from direct sunlight. Store containers away from any incompatible materials, checking section 10.

7.3 Specific end use:

Information not available

SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters:

These products do not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

8.2 Exposure controls:

Given that the use of appropriate technical measures should always have priority over personal protection equipment, ensure good ventilation in the workplace through effective local aspiration. The individual protection devices must bear the CE marking attesting their compliance with applicable regulations.

HAND PROTECTION

Protect your hands with work gloves category III (ref. Standard EN 374). For the final choice of work glove material it should be taken into consideration: compatibility, degradation, breakage times and permeation.

The gloves have a wear time that depends on the duration and mode of use.

SKIN PROTECTION

Wear work clothing with long sleeves and safety footwear for professional use category I (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is advisable to wear protective airtight goggles (ref. Standard EN 166).

RESPIRATORY PROTECTION

It is advisable to wear a mask with type B filter, the class (1, 2 or 3) must be chosen in relation to the concentration limit of use. (Ref. Standard EN 14387). In the case were present gas or of a different nature vapors and / or gases or vapors with particles (aerosols, fumes, mists, etc.), need to provide for combined type filters.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions from production processes, including those from ventilation should be checked for compliance with the environmental protection legislation.

SECTION 9. Physical and Chemical Properties

9.1 information on basic physical and chemical properties

Physical state:	Silver and coloured pieces of biodegradable film in hexagonal shape
Color:	different available colors
Odour:	mild characteristic
Odour threshold:	not available

Flash point:	no data available
Boiling Point/interval:	cannot be measured as decomposition occurs first
Relative density:	1.4 g/cm ³
Water Solubility:	Insoluble
pH value:	Not applicable
Heat resistance:	180°C
Flammability (EEC A10/A13):	Non applicable
Ignition point:	>300°C
Autoflammability (EEC A16):	Not applicable
Flame properties:	Not applicable
Explosion hazard:	Does not present explosive hazard
Vapour pressure:	no data available
Specific weight:	1,4 g/cm ³
Partition coefficient, n-octanol / water:	between 0.4 e 0.5 kg/dm ³ – depend for the sizes of glitter
Viscosity:	Insoluble in water
Vapour density:	Not applicable
Evaporation rate:	Not applicable

9.1 Other information:

Information not available

SECTION 10. Stability and Reactivity

10.1 Reactivity:

No data available

10.2 Chemical stability:



No dangerous reaction known under conditions of normal use. Avoid contact with open flame

10.3 Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use

10.4 Conditions to avoid:

Aggressive acids, bases and oxidizing agents

10.5 Incompatible materials:

None

10.6 Hazardous decomposition products:

No data available

SECTION 11. Toxicological Information

11.1 Information on toxicological effects:

Short Term Exposure:	Persistent Cough, Difficulty of Breathing.
Long Term Exposure:	Not Known.
Chronic Toxicity:	Not Known.
Carcinogenicity:	IARC: no component of this product presents levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC
Mutagenicity:	Not known.

SECTION 12. Ecological Information

12.1 Toxicity:

Not ecotoxic to fish or other aquatic life

12.2 Persistence and degradability:

Biodegrades in natural environment: tested using ISO 14851 for freshwater biodegradation, 87% biodegradation achieved in 28 days

12.3 Bioaccumulative potential:

Information not available

12.4 Mobility in soil:

Information not available

12.5 Results of PBT and vPvB assessment:

On the basis of available data, the product does not contain PBT or vPvB substances

12.6 Mobility in soil:

Information not available

SECTION 13. Disposal Considerations

13.1 Waste treatment methods:

Cellulose film are water insoluble, ground and ground water neutral.

The disposal of the product in supervised compost sites is clean and effective and will result in biodegradation in presence of suitable micro-organism and favorable condition.

All pigment used to color the film are certified "OK compost"

SECTION 14. Transport information

14.1 UN number:

Non applicable

14.2 UN proper shipping name:

The product is not classified for any mode of transportation dangerous.

14.3 Transport hazard class(-es):

Non applicable

14.4 Packing group:

The product is not classified for any mode of transportation dangerous.

14.5 Environmental hazards:

Non applicable

14.6 Special precautions for user:

Non applicable

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

Non applicable

SECTION 15. Regulatory Information

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

No chemical safety assessment has been processed for the mixture and the substances contained therein.

15.2 Chemical safety assessment:

No chemical safety assessment has been processed for the mixture and the substances contained therein.

SECTION 16. Other Information

General bibliography

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 of the European Parliament (ATP II. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (ATP III. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV ATP. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V ATP. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI ATP. CLP)
10. The Merck Index. - 10th Edition
11. Handling Chemical Safety
12. INRS - Fiche Toxicologique (toxicological sheet)
13. Patty - Industrial Hygiene and Toxicology
14. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
15. Web Site ECHA Agency

FINAL NOTE

All details noted in this data sheet correspond to our knowledge at the time this data sheet has been put into effect. This information should be used as a guideline for a safe treatment in accordance with the products mentioned in our material safety data sheet, during storage, production, transport and disposal. This information is not applicable to other products, to newly produced materials, if the product mentioned in this material safety data sheet is mixed or blended with other articles or when other transformations are made to it. The information contained in this safety document has been brought up to date as indicated on its first page. If the data is further updated, we will send you a new revised document.