

## SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101

**1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING.****1.1 Product identifier.**Product Name: **PG-61101 BLUE PIGMENT**  
Product Code: **PG61101****1.2 Relevant identified uses of the mixture and uses advised against.**



SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
SU10 Formulation [mixing] of preparations and/or re-packaging (excluding alloys)  
SU21 Consumer uses: Private households (= general public = consumers)  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Guidance on information requirements and chemical safety assessment, Chapter R.12: Use descriptor system, ECHA, March 2010

**1.3 Details of the supplier of the safety data sheet.**Company: **Colorobbia España, S.A.**  
Address: Ctra. Comarcal CV-160, Km.16,3  
City: 12192 Vilafamés  
Province: Castellón  
Telephone: +34 964 34 31 31  
Fax: +34 964 34 31 34  
E-mail: msds\_reach@colorobbia.es**1.4 Emergency telephone number: +34 964 34 31 31****2. HAZARDS IDENTIFICATION.****2.1 Classification of the mixture.**

The product is not classified as hazardous within the meaning of Directive 67/548/EEC.  
The product is not classified as hazardous within the meaning of Regulation (EU) No 1272/2008.

**2.2 Label elements.****Labelling in accordance with Directive 67/548/EEC:**Symbols:R Phrases:  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
S Phrases:  
S60 This material and its container must be disposed of as hazardous waste.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.**Labelling in accordance with Regulation (EU) No 1272/2008:**

<b>COLOROBBLIA</b> ESPAÑA  	<b>PG61101</b> <b>PG-61101 BLUE PIGMENT</b>
Inscrita en el Registro Mercantil de Castellón Tomo 546, Libro 113, Secc. 8, Folio 196 Hoja CS-3142-I/A 10 (12-02-93) Sociedad 8.103, Año Pre: 1993	Page 2 of 9 Print date: 11/07/2013
SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101	

Pictograms:



H statements:

H411 Toxic to aquatic life with long lasting effects.

P statements:

P273 Avoid release to the environment.  
 P391 Collect spillage.  
 P501 Dispose of contents/container to ...

**2.3 Other hazards.**

Does not meet the criteria for PBT or vPvB in accordance with Annex XIII of European Regulation N° 1907/2006.

**3. COMPOSITION/INFORMATION ON INGREDIENTS.**

**3.1 Mixtures.**

Substances presenting a health or environmental hazard:

Identifiers	Name	Concentrate	(*)Classification Regulation (EC) No 1272/2008	(*)Classification Directive 67/548/CEE
Index No:030-013-00-7 CAS NO:1314-13-2 N. CE:215-222-5 Registration No:01-2119463881-32-0027 @ 030-013-00-7	(**) zinc oxide	10,01- 25%	Aquatic Acute 1, H400 - Aquatic Chronic 1, H410	N R50/53
Index No:1314-13-2 CAS NO:215-222-5 N. CE:zinc oxide Registration No:N/D	10,01- 25%	N		R50/53 01-2119463881-32-0027

(\*) The complete text of the R and H phrases is given in section 16 of this Safety Data Sheet.

(\*\*) Substance with a Community workplace exposure limit (see section 8.1).

**4. FIRST AID MEASURES.**

**4.1 Description of first aid measures.**

Due to the composition and type of the substances present in the product, no particular warnings are necessary.

**Inhalation.**

Take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. Do not administer anything orally. If unconscious, place them in a suitable position and seek medical assistance.

## SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101

**Eye contact.**

If wearing contact lenses, remove them. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up, and seek medical assistance.

**Skin contact.**

Remove contaminated clothing. Wash skin vigorously with water and soap or a suitable skin cleaner. **NEVER** use solvents or thinners.

**Ingestion.**

If accidentally ingested, seek immediate medical attention. Keep calm. **NEVER** induce vomiting.

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

No known acute or delayed effects from exposure to the product.

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

In case of doubt or when symptoms of feeling unwell persist, get medical attention. Never administer anything orally to persons who are unconscious.

**5. FIREFIGHTING MEASURES.**

The product does not present any particular risk in case of fire.

The product is NOT classified as flammable, in case of fire the following measures should be taken:

**5.1 Extinguishing media.****Recommended extinguishing methods.**

Extinguisher powder or CO<sub>2</sub>. In case of more serious fires, also alcohol-resistant foam and water spray. Do not use a direct stream of water to extinguish.

**5.2 Special hazards arising from the mixture.****Special risks.**

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

**5.3 Advice for firefighters.**

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account.

Prevent the products used to fight the fire from going into drains, sewers, or waterways.

**Fire protection equipment.**

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and gloves.

**6. ACCIDENTAL RELEASE MEASURES.****6.1 Personal precautions, protective equipment and emergency procedures.**




For exposure control and individual protection measures, see section 8.

**6.2 Environmental precautions.**

Product Dangerous for the environment, in case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to local legislation. Product not classified as hazardous for the environment, avoid spillage as much as possible.

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

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc.). Pour the product and the absorbent in an appropriate container. The contaminated area should be immediately cleaned with an appropriate de-contaminator. Pour the decontaminator on the remains in an opened container and let it act various days until no further reaction is produced.

  	<b>PG61101</b> <b>PG-61101 BLUE PIGMENT</b>
Inscrita en el Registro Mercantil de Castellón Tomo 546, Libro 113, Secc. 8, Folio 196 Hoja CS-3142-I/A 10 (12-02-93) Sociedad 8.103, Año Pre: 1993	
Version: 4 Revision date: 05/02/2013	Page 4 of 9 Print date: 11/07/2013
SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101	

#### 6.4 Reference to other sections.

For exposure control and individual protection measures, see section 8.

For later elimination of waste, follow the recommendations under section 13.

## 7. HANDLING AND STORAGE.

### 7.1 Precautions for safe handling.

The product does not require special handling measures, the following general measures are recommended:

For personal protection, see section 8. Never use pressure to empty the containers. They are not pressure-resistant containers.

In the application area, smoking, eating, and drinking must be prohibited.

Follow legislation on occupational health and safety.

Keep the product in containers made of a material identical to the original.

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

The product does not require special storage measures.

As general storage measures, sources of heat, radiation, electricity and contact with food should be avoided.

Keep away from oxidising agents and from highly acidic or alkaline materials.

Store the containers between 5 and 35° C, in a dry and well-ventilated place.

Store according to local legislation. Observe indications on the label.

### 7.3 Specific end use(s).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

### 8.1 Control parameters.

Work exposure limit for:

Name	VLA-ED *		VLA-EC *	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
zinc oxide		2		10 @  @

\* According to the list of Limit Environmental Professional Exposure Values adopted by the National Institute for Safety and Hygiene at Work for the year 2010.

### 8.2 Exposure controls.

#### Measures of a technical nature:

Provide adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system.

#### Breathing protection:




PPE: Filter mask for protection against gases and particles.

Characteristics: «CE» marking, category III. The mask must have a wide field of vision and an anatomically designed form in order to be sealed and watertight.

CEN standards: EN 136, EN 140, EN 405



Maintenance: Should not be stored in places exposed to high temperatures and damp environments before use. Special attention should be paid to the state of the inhalation and exhalation valves in the face adaptor.

  	<b>PG61101</b> <b>PG-61101 BLUE PIGMENT</b>
Inscrita en el Registro Mercantil de Castellón Tomo 546, Libro 113, Secc. 8, Folio 196 Hoja CS-3142-I/A 10 (12-02-93) Sociedad 8.103, Año Pre: 1993	
Version: 4 Revision date: 05/02/2013	Page 5 of 9 Print date: 11/07/2013
<b>SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101</b>	

**Observations:** Read carefully the manufacturer's instructions regarding the equipment's use and maintenance. Attach the necessary filters to the equipment according to the specific nature of the risk (Particles and aerosols: P1-P2-P3, Gases and vapours: A-B-E-K-AX), changing them as advised by the manufacturer.

**Hand protection:**

**PPE:** Protective gloves.

**Characteristics:** «CE» marking, category II.

**CEN standards:** EN 374-1, En 374-2, EN 374-3, EN 420



**Maintenance:** Keep in a dry place, away from any sources of heat, and avoid exposure to sunlight as much as possible. Do not make any changes to the gloves that may alter their resistance, or apply paints, solvents or adhesives.

**Observations:** Gloves should be of the appropriate size and fit the user's hand well, not being too loose or too tight. Always use with clean, dry hands.

Protective creams can help to protect exposed areas of the skin. These creams must **NEVER** be applied once exposure has occurred.

**Eye protection:**

**PPE:** Face shield.

**Characteristics:** «CE» marking, category II. Face and eye protector against splashing liquid.

**CEN standards:** EN 165, EN 166, EN 167, EN 168



**Maintenance:** Visibility through lenses should be ideal. Therefore, these parts should be cleaned daily. Protectors should be disinfected periodically following the manufacturer's instructions. Make sure that mobile parts move smoothly.

**Observations:** Face shields should offer a field of vision with a dimension in the central line of, at least, 150 mm vertically once attached to the frame.

**Skin protection:**

**PPE:** Anti-static protective clothing.

**Characteristics:** «CE» marking, category II. Protective clothing should not be too tight or loose in order not to obstruct the user's movements.

**CEN standards:** EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5



**Maintenance:** In order to guarantee uniform protection, follow the washing and maintenance instructions provided by the manufacturer.

**Observations:** The protective clothing should offer a level of comfort in line with the level of protection provided in terms of the hazard against which it protects, bearing in mind environmental conditions, the user's level of activity and the expected time of use.

**PPE:** Anti-static safety footwear.

**Characteristics:** «CE» marking, category II.

**CEN standards:** EN ISO 13287, EN ISO 20344, EN ISO 20346



**Maintenance:** The footwear should be checked regularly

**Observations:** The level of comfort during use and acceptability are factors that are assessed very differently depending on the user. Therefore, it is advisable to try on different footwear models and, if possible, different widths.

**9. PHYSICAL AND CHEMICAL PROPERTIES.**

## SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101

**9.1 Information on basic physical and chemical properties.**

Appearance: Dust

Smell: odourless

Boiling Point: No Disponible °C

Flash point: not applicable °C

Inflammability (solid, gas): not applicable

Explosive properties: not applicable

Relative density: not applicable gr/cm<sup>3</sup>

Solubility: Practically insoluble

**9.2. Other information.**

Liposolubility: Practically insoluble

Hydrosolubility: Practically insoluble

Melting point: not available °C

**10. STABILITY AND REACTIVITY.****10.1 Reactivity.**

The product does not present hazards by their reactivity.

**10.2 Chemical stability.**

Stable under the recommended handling and storage conditions (see section 7).

**10.3 Possibility of hazardous reactions.**

The product does not present possibility of hazardous reactions.

**10.4 Conditions to avoid.**

Avoid temperatures near or above the flash point. Do not heat closed containers.

**10.5 Incompatible materials.**

Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.

**10.6 Hazardous decomposition products.**

In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

**11. TOXICOLOGICAL INFORMATION.****11.1 Information on toxicological effects.**

There are no tested data available on the product.

Repeated or prolonged contact with the product can cause the elimination of oil from the skin, giving rise to non-allergic contact dermatitis and absorption of the product through the skin.

Splatters in the eyes can cause irritation and irreversible damage.

No information is available regarding the toxicity of the substances present.

**12. ECOLOGICAL INFORMATION.****Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.****12.1 Toxicity.**

No information is available regarding the ecotoxicity of the substances present.

## SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101

**12.2 Persistence and degradability.**

No information is available about persistence and degradability of the product.

**12.3 Bioaccumulative potencial.**

No information is available regarding the bioaccumulation of the substances present.

**12.4 Mobility in soil.**

No information is available about the mobility in soil.  
The product must not be allowed to go into sewers or waterways.  
Prevent penetration into the ground.

**12.5 Results of PBT and vPvB assessment.**

No information is available about the results of PBT and vPvB assessment of the product.

**12.6 Other adverse effects.**

No information is available about other adverse effects for the environment.

**13. DISPOSAL CONSIDERATIONS.****13.1 Waste treatment methods.**

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.  
Follow the provisions of Directive 91/689/EEC regarding waste management.

**14. TRANSPORT INFORMATION.**

Transport following ADR rules for road transport, RID rules for railway, ADN for inner waterways, IMDG for sea, and ICAO/IATA for air transport.

**Land:** Transport by road: ADR, Transport by rail: RID.

Transport documentation: Consignment note and written instructions

**Sea:** Transport by ship: IMDG.

Transport documentation: Bill of lading

**Air:** Transport by plane: ICAO/IATA.

Transport document: Airway bill.

**14.1 UN number.**

UN No: UN3077

**14.2 UN proper shipping name.**

Description: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS ZINC OXIDE), 9, PG III, (E)

**14.3 Transport hazard class(es).**

Class(es): 9




**14.4 Packing group.**

Packing group: III

**14.5 Environmental hazards.**

Marine pollutant: Yes



  	<b>PG61101</b> <b>PG-61101 BLUE PIGMENT</b>
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Version: 4 Revision date: 05/02/2013	Page 8 of 9 Print date: 11/07/2013
SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101	

Dangerous for the environment

**14.6 Special precautions for user.**

Labels: 9

**iError! Nombre de archivo no especificado.**

Hazard number: 90

Transport by ship, FEm – Emergency sheets (F – Fire, S - Spills): F-A,S-F

Proceed in accordance with point 6.

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

The product is not transported in bulk.

**15. REGULATORY INFORMATION.**

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

The product is not affected by the Regulation (EC) No 2037/2000 of the European Parliament and of the Council, of 29 June 2000 on substances that deplete the ozone layer.

**15.2 Chemical safety assessment.**

There has been no evaluation a chemical safety assessment of the product.

**16. OTHER INFORMATION.**

Frases R

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Frases S

S60 This material and its container must be disposed of as hazardous waste.

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Frases H

H411 Toxic to aquatic life with long lasting effects.

Frases P

P273 Avoid release to the environment.




P391 Collect spillage.

P501 Dispose of contents/container to ...

It is recommended that the product only be employed for the purposes advised.

The information given in this Safety Data Sheet has been drafted in accordance with COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals



  	<p><b>PG61101</b> <b>PG-61101 BLUE PIGMENT</b></p>
<p>Inscrita en el Registro Mercantil de Castellón Tomo 546, Libro 113, Secc. 8, Folio 196 Hoja CS-3142-I/A 10 (12-02-93) Sociedad 8.103, Año Pre: 1993</p>	
<p>Version: 4 Revision date: 05/02/2013</p>	<p>Page 9 of 9 Print date: 11/07/2013</p>
<p>SECURITY DATA SHEET RELATED TO THE MIXTURE PG61101</p>	

(REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Safety Data Sheet on the Preparation is based on current knowledge and on current EC and national laws, as far as the working conditions of the users is beyond our knowledge and control. The product must not be used for purposes other than those that are specified without first having written instructions on how to handle. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established by current legislation. The information contained in this Safety Sheet only states a description of the safety requirements for the preparation, and it must not be considered as a guarantee of its properties.