

Directors:
L.Dodd D.Dodd
C.Dodd D.Bennett



1. Identification of Preparation

Trade Name B123
Chemical Name Zircon,praseodymium yellow.
CAS Number 68187-15-5*
CI 77997. C.I.Pigment Yellow 159.

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

Pigment for vitreous oxides.

1.3 Details of the supplier of the safety data sheet

W.G. Ball Ltd
Anchor Road
Longton
Stoke on Trent
ST3 1JW
United Kingdom
Tel: (01782) 313956 & 312286
Email: sales@wgball.com

1.4 Emergency telephone number:

01782-313956
Hours of operation: Mon-Fri 08:00 - 16:00 hours

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

not classified

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

not classified

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard Pictogram void

Signal word void

Hazard determining components of labeling: void

Hazard statements void

Precautionary statements

P270 Do not eat, drink or smoke when using this product.

P285 In case of inadequate ventilation, wear respiratory protection.

2.3 Other hazards:

Inhalation : Excessive exposure may cause symptoms of chronic lung disease.

Ingestion : The product is of low solubility in body fluids and it is likely to be of low acute toxicity.

Eyes : May cause physical irritation and inflammation.

Skin : The material is not a primary irritant, but as with any abrasive powder it may give rise to minor irritation.

3. Composition/information on ingredients

3.1 Substances

CAS No. 68187-15-5*
Identification number(s) 3221
C.I.77997. C.I.Pigment Yellow 159.

4. First Aid Measures**4.1 Description of first aid measures**

Inhalation :	Remove patient to fresh air, loosen clothing & seek medical attention.
Ingestion :	Do not induce vomiting seek medical advice.
Eyes :	Wash immediately with copious amounts of water.
Skin :	Wash affected areas with water.

5. Fire Fighting Measures**5.1 Extinguishing media**

Extinguishing Media :	Suitable for surrounding fire conditions.
Special Exposure Hazard:	N.A.

6. Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Personal Protective Equipment: Respiratory protective equipment.

6.2 Environmental precautions

Avoid spreading dust or contaminated materials.

6.3 Methods and material for containment and cleaning up

Leaks and Spills : Use suitable vacuum equipment where practicable, otherwise damp down and scoop into a container.

7. Handling and Storage**7.1 Precautions for safe handling**

Handling : Do not eat, drink or smoke in areas where the material is used.
Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in a dry area.

8. Exposure Controls/Personal Protective Equipment**8.1 Control parameters**

no special ones

8.2 Exposure controls**8.2.1 Appropriate engineering controls:**

Adequate ventilation should be provided so that occupational exposure limits are not exceeded. Local exhaust ventilation is normally recommended.

8.2.2 Individual protection measures:

Personal Protective Equipment:

Where L.E.V. is not practicable and exposure is likely to be excessive, approved respiratory protection should be worn.

8.2.3 Environmental exposure controls:

9. Physical & Chemical Properties**9.1 Information on basic physical and chemical properties**

Appearance & Odour :	Yellow powder.
Flash Point :	N.A.
Flammability :	Does not support combustion.
Solubility :	Insoluble.

Melting Point : > 1000.

9.2 Other information

No further relevant information available.

10. Stability and Reactivity

10.1 Reactivity

The substance is non-reactive

10.2 Chemical stability

The material is stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

No incompatible groups noted.

10.6 Hazardous decomposition products

None known.

11. Toxicological Information

11.1 Information on toxicological effects

No data recorded.

12. Ecological Information

12.1 Toxicity

Not known.

12.2 Persistence and degradability

None.

12.3 Bioaccumulative potential

N.A.

12.4 Mobility in soil

N.A.

12.5 Results of PBT and vPvB assessment

N.A.

12.6 Other adverse effects

None.

13. Disposal

Dispose of in accordance with current waste disposal regulations .

14. Transport Information

14.1 U.N./S.I. No. : Not classified.

14.2 U.N. Class : N.A.

14.3 Transport hazard class: N.A.

14.4 Packing Group : N.A.

14.5 Environmental Hazards: N.A.

14.6 Special precaution for user: N.A.

15. Regulatory Information

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

Labelling according to Regulation (EC) No 1272/2008

The substance is not classified and labelled according to the CLP regulation.

Precautionary statements

P270 Do not eat, drink or smoke when using this product.

P285 In case of inadequate ventilation, wear respiratory protection.

U. K. Occupational Exposure Limits: mg/m³ 8 hr TWA. % in product.

Dusts:	Total Inhalable	10.00
	" respirable.	4.00

EU directives

Regulation of the European Parliament and of the Council (EC) No 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Corrigendum to 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 (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, as amended.

2000/532/EC: Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Directive 91/689/EEC on hazardous waste, as amended.

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations, administrative provisions relating to the classification, packaging and labelling of dangerous substances, as amended.

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

res,
egulation

the
on and
ending
mission
ision

establishing a
d Council
of Council

ations and
dangerous

relationship