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Whiting Powder

(TNL 1763, 17632)

### 1. Identification of the substance/preparation and of the company/undertaking

Product name: Whiting Powder (Calcium Carbonate)  
Stock codes: 1763, 17632  
Relevant identified uses of the substance or mixture:  
Traditional method for degreasing metal etching plates  
Company name: Lawrence Art Supplies  
36 Kingsthorpe Road  
Hove  
BN3 5HR  
Tel: 01273 260260  
Fax: 01273 260270  
Email: artbox@lawrence.co.uk  
Emergency Number: Mon - Thurs 9am-5pm, Fri 9am - 4pm (not a poison centre) 01273 260260

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and chemical hazards	Not classified
Human Health	Not classified
Environment	Not classified

Classification (67/548/EEC) Not classified

#### Human health

This product does not meet the criteria for classification as hazardous as defined in the regulation EC 1272/2008 and in directive 67/548/EEC.

#### Environment

The product is not expected to be hazardous to the environment.

#### Physical and chemical hazards

This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex 8 of Reach. This product should be handled with care to avoid dust generation.

#### 2.2. Label elements:

Label in accordance with EC Number 1272/2008 : not classified

#### 2.3. Other hazards

Not classified as PBT/vPvB by current EU criteria.

### 3. Composition/information on ingredients

#### 3.1. Substances

Calcium Carbonate 100%

CAS-No: 471-34-1

EC No: 207-439-9

Classification (EC 1272/2008) Not classified

Classification (67.548/EEC) Not classified

The full text for all R-phrases and hazard statements are displayed in section 16

REACH Registration notes Exempted in accordance with Annex V.7

### 4. First aid measures

#### 4.1. Description of first aid measures

No acute or delayed symptoms/effects are observed

##### Inhalation

Move into fresh air and rest. Get medical attention if any discomfort continues.

##### Ingestion

Rinse mouth out thoroughly. Get medical attention if discomfort continues.

##### Skin content

Wash skin with soap and water. Use suitable lotion to moisturise skin.

##### Eye contact

Do not rub eye. Rinse with copious quantities of water and seek medical attention if irritation persists.

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

##### General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

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

No specific first aid measures noted.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

This product is non-combustible. No specific extinguishing media is needed.

#### 5.2. Special hazards arising from the substance or mixture

##### Specific hazards

Asphyxiating gases/vapours/fumes/of: Carbon Dioxide (CO<sub>2</sub>) at > 600°C

#### 5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. No specific fire fighting procedures or protection required. Use a suitable extinguishing agent for the surrounding fire.

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid airborne dust generation, wear protective equipment in compliance with national legislation.

### 6.2. Environmental precautions:

Do not discharge into drains, water courses or onto the ground

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

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear protective equipment in compliance with national legislation.

### 6.4. Reference to other sections

For personal protection see section 8, for waste disposal see section 13.

## 7. Handling and storage

### 7.1. Precautions for safe handling:

Avoid airborne dust generation. Provide appropriate exhaust ventilation. In the case of insufficient ventilation, wear suitable protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling contact your supplier or check the good practices guide referred to in section 16. Do not eat, drink or smoke in work areas, wash hands after use, remove contaminated clothing and protective equipment before entering eating areas.

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

Store in a dry covered area. Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

### 7.3. Specific end uses

If you require advice on specific uses please contact your supplier or check the good practice guide referred to in section 16.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

Name	STD	TWA - 8hrs	STEL - 15mins	Notes
Calcium Carbonate	WEL	4mg/m <sup>3</sup>		
Inorganic dust	WEL	4mg/m <sup>3</sup>		

### 8.2 Exposure controls:

#### Engineering measures

Minimise airborne dust generation. Use process enclosures, Local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure below the exposure limit. Apply organisational measures e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

#### Personal protective equipment

Respiratory protection:	In case of prolonged exposure to airborne dust wear a respiratory protective equipment that complies with the requirements of European or national legislation.
Hand protection:	For prolonged or repeated exposure use suitable gloves, either PVC or rubber are recommended.
Eye protection:	Goggles/face shields are recommended. Contact lenses should not be worn when working with this product.
Body protection:	No specific requirement. Workers who suffer with dermatitis or sensitive skin should use appropriate protection e.g. protective clothing, barrier cream.

### 8.3 General safety and Hygiene measures:

Do not eat, drink or smoke in work areas, wash after work shift and before eating, smoking and using the toilet. Use moisturiser to prevent drying of skin.

## 9 Physical and chemical properties

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

Physical form	Powder
Colour	White
Odour	Almost odourless
Relative Density	2.7
Solubility	Insoluble in Water

### 9.2. Other information

No information required

## 10. Stability and reactivity

### 10.1. Reactivity

Reacts with acids

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

This product will produce Carbon Dioxide on strong heating or reaction with acid.

### 10.4. Conditions to avoid

Avoid contact with acids and heat of > 600°C

### 10.5. Incompatible materials

Strong acids

### 10.6. Hazardous decomposition products

Carbon Dioxide (CO<sub>2</sub>)

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

#### Inhalation

Dust in high concentrations may irritate the respiratory system.

#### Ingestion

No harmful effects expected in amounts likely to be ingested accidentally.

#### Skin content

Prolonged contact may cause dryness of the skin.

#### Eye contact

particles in the eyes may cause irritation or smarting.

## 12. Ecological information

### 12.1 Toxicity

This product is not considered as environmentally hazardous. However this does not exclude the possibility that large or frequent spills can have harmful or damaging effect on the environment.

Assessment of aquatic toxicity:

LC50, 96hrs, Fish mg/l >1000

EC50, 48hrs, Daphnia, mg/l >1000

IC50, 72hrs, Algae, mg/l >1000

### 12.2. Persistence and degradability

This product is not biodegradable

### 12.3. Bioaccumulative potential

This product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

This product is insoluble in water.

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT/vPvB by current EU criteria.

### 12.6. Other adverse effects

None known

## 13. Disposal considerations

### General information

This mineral can be disposed of as a non toxic/inactive material in approved landfill sites in accordance with local regulations. Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

### 13.1. Waste treatment methods

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

Waste class EWC (LoW) 2002: 01 04 10

## 14. Transport information

General: No special precautions. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

### 14.1. UN Number

No information available

### 14.2. UN proper shipping name

No information required

### 14.3. Transport hazard class(es)

No information required

### 14.4. Packing group

No information required

#### 14.5. Environmental hazards

None

#### 14.6. Special precautions for user

Not available

### 15. Regulatory information

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

##### UK regulatory references

Health and safety at work act 1974. The control of substances hazardous to health regulations 2002 (S.I 2002 No. 2677) with amendments.

##### Statutory instruments

The chemicals (hazard information and packaging for supply) regulations 2009 (S.I 2009 No. 715)

##### Approved code of practice

Safety data sheets for substances and preparations. Classification and labelling of substances and preparations dangerous for supply.

##### EU Legislation

Exempted in accordance with Annex V.7

##### National Regulations

Workplace exposure limits 2005 (EH40)

##### Water Hazard classification

NWG

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### 16. Other information

**Disclaimer: Such information is to the best of T N Lawrence and Sons knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.**