


**Safety Data Sheet according to Regulation (EC) No 1907/2006****1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Product name: LOYGRAIN  
Contains: Corn cob granules  
Intended Use: Blast cleaning abrasive for industrial use.  
Supplier: Guyson International Ltd.  
Snaygill Industrial Estate,  
Skipton, North Yorkshire.  
BD23 2QR  
Tel: +44 (0)1756 799911  
E-mail: [info@guyson.co.uk](mailto:info@guyson.co.uk)  
Emergency contact number: +44 (0)1756 799911

**2. HAZARDS IDENTIFICATION**

Environment: Product contains no hazardous components.  
Health hazards:   
Eye and skin contact: May cause irritation  
Inhalation: May cause irritation

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

ITEM	CONTENT (%)	CAS NO.	EINECS NO.
Corn cob fractions	100	NA	NA

**4. FIRST AID MEASURES**

**Eye contact** Rinse out with water  
**Skin contact** Wash area with soap & water. Consult doctor if problems occur.  
**Inhalation** Remove person to fresh air. Consult doctor if problems occur.  
**Ingestion** Drink one glass of water to dilute material. Consult doctor if problems occur.

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### General information

If in doubt, GET MEDICAL ATTENTION PROMPTLY!

### 5. FIRE FIGHTING MEASURES

#### Extinguishing media

Use media suitable for surrounding fire. No special media required.

#### Specific hazards

Decomposition products may be toxic; typical of wood

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions

Avoid dust inhalation, wear mask if dust occurs.

#### Environmental protection

Prevent spilled material from entering drains.

#### Spill clean-up methods

Vacuum only. Do not sweep.

### 7. HANDLING AND STORAGE

#### Handling

Handle in normal manner and be mindful of manual handling methods (weights), keep dust formation to a minimum and avoid eye & skin contact.  
See section 8 for personal protection

#### Storage

Store in a closed container in a dry well ventilated area.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### Engineering Measures:

Preferred methods of use are either in a blast cabinet with a dust collector or in a closed-circuit blasting system.



If a blast room is used it must have a dust extraction system to keep dust levels below the occupational exposure limits.

#### Occupational Exposure Limits

Formula	CONTENT (%)	CAS NO.	EINECS NO.	Inhalable	Respirable
Corn cob fractions	100	NA	NA	10 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>

#### Industrial hygiene

Wash hands before breaks and at end of work.

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### Personal Protective Equipment



Hand protection

Eye protection

Respiratory equipment

Body protection

### Personal Protective Equipment



### Blast cabinet

Gloves - appropriate gauntlets

Safety glasses or tight-fitting protective goggles. EN 166

Normally, no personal respiratory protection is necessary. A breathing mask is to be worn when handling dust or cleaning out the system. (FFP2 or FFP3)

With normal use body protection by half or full-body coverall and boots is required.

### Blast Room

Blasting operatives should wear a CE marked approved blasting helmet.

Operatives should always wear appropriate gauntlets.

Operatives should wear a purpose designed blasters' suit.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Brown granules.
<b>Odour</b>	None.
<b>Explosion limits</b>	45g/m <sup>3</sup> .
<b>Ignition temperature (°C)</b>	500°C
<b>pH-value</b>	4.9 inside, 7.4 surface.
<b>Apparent density</b>	500g/l average.
<b>Water soluble</b>	Insoluble in water.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Materials to avoid</b>	Strong acids, oxidising agents.
<b>Conditions to be avoided</b>	Excessive heat.
<b>Dangerous decomposition products</b>	None.

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### 11. TOXICOLOGICAL INFORMATION

**Toxicity** No particular toxicity.

### 12. ECOLOGICAL INFORMATION

**Eco-toxicity** No ecological hazards are reported to be associated with this product.

**Biodegradability** Yes.

### 13. DISPOSAL CONSIDERATIONS

**Disposal methods** Dispose as non-hazardous solid waste.  
Subject to any local regularity requirement.

### 14. TRANSPORT INFORMATION

**Land Transport (ADR/RID)** Not classified according to Transport Regulations for Hazardous/Dangerous Goods

**Marine Transport (IMO/IMD)** Not classified according to Transport Regulations for Hazardous/Dangerous Goods

**Air Transport** Not classified according to Transport Regulations for Hazardous/Dangerous Goods

### 15. REGULARITY INFORMATION

**General** None.

### 16. OTHER INFORMATION

#### Disclaimer

It remains the users own responsibility to ensure that the information contained is appropriate for the use of this product.

The information contained herein is to the best of our knowledge accurate, however, as circumstances and conditions in which it may be used are beyond our control, we do not accept liability for any loss or damage, however arising, which results directly or indirectly from the use of such information.



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