

Section 1. Identification

- 1.1 Product Identifier** EZ81565
- Product Name CELLULASE 2g.
- CAS Number 9012-54-8
- REACH Registration No A registration number is not available as the substance or its uses are exempt, the annual tonnage does not require a registration or the registration is envisaged for a later date.
- 1.2 Relevant identified uses of the substance or mixture & uses advised against**
- Uses of Material Chemical for industrial and laboratory use. Not suitable for domestic use.
- 1.3 Supplier** WF Education Group
-  Phoenix House
Battlefield Enterprise Park
Stafford Drive
Shrewsbury
Shropshire
SY1 3FE
UNITED KINGDOM
- Phone +44(0)1743 812200
Email sales@wf-education.com
Website www.timstar.co.uk
- 1.4 Emergency Telephone** (08:30-17:00) +44(0)1743 812200
(24hr) 112
(Have this document to hand)

Section 2. Hazards Identification**2.1 Classification of the substance or mixture****Classification according to regulation 1272/2008/EC**

Respiratory sensitization, category 1

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2 Label elements**Labelling according to regulation 1272/2008/EC**

Signal word Danger

Hazard Pictograms



Hazard Statements May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements Avoid breathing dust. In case of inadequate ventilation wear respiratory protection. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Section 3. Composition

3.1 Substances

Component	CAS No.	EEC No.	REACH No.	Conc w/w	CLP Classification (1272/2008/CE)
Cellulose	9012-54-8	232-734-4		>99%	Resp. Sens. 1

Section 4. First Aid

4.1 Description of first aid measures

Eyes	Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION.
Skin	Thoroughly wash off skin with soap and water.
Inhalation	Remove from exposure. If breathing stops or shows signs of failing, apply artificial resuscitation.
Ingestion	Wash out the patients mouth thoroughly with water.
Personal protection for first aiders	Wear protective gloves / eye protection.

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

No further relevant information available.

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

No further relevant information available.

Section 5. Fire Fighting

5.1 Extinguishing media

Extinguishing Media	Water spray, alcohol resistant foam, dry powder or carbon dioxide.
Unsuitable Media	Nothing specified.

5.2 Special hazards arising from the substance or mixture

Hazards	May evolve toxic fumes if involved in a fire.
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5.3 Advice for firefighters

Advice for firefighters	Consider all other materials in the vicinity.
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Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Protection	Use approved personal protective equipment. Do not create dust. Avoid breathing dust.
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6.2 Environmental precautions

Environmental	Keep material out of sewers, storm drains, surface waters and soil.
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6.3 Methods and material for containment and cleaning up

Major Spillage	Sweep up and transfer to a suitable container for disposal. Ventilate area and wash spill site after material pickup is complete.
Minor Spillage	Shovel/sweep up into container for removal Wash area down with copious amounts of water.

6.4 Reference to other sections

See section 8.2 for information on protective equipment and section 13 for information on disposal.

Section 7. Storage & Handling

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.

Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

7.2 Conditions for safe storage, including any incompatibilities

Well ventilated, cool, dry storage . Keep containers closed when not in use. Store at less than +8 C.

7.3 Specific end use(s)

See section 1.2.

Section 8. Workplace Exposure & Personal Protection

8.1 Control parameters

Component	CAS No	Concentration	Workplace Exposure Limits	
			Long Term (8hr TWA)	Short Term 15min period
Cellulase	9012-54-8	>99%	-	-

Exposure data source(s) No occupational exposure data currently available.

8.2 Exposure controls

Respiratory Protection If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.

Hand Protection Wear gloves.

Eye Protection Use tightly fitting chemical splash proof glasses or goggles.

Skin Protection Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

Special Hazards No special precautions required.

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Biege powder
Odour	No data available.
pH	Not applicable
Boiling Point	Not available
Melting Point	Not applicable
Flash Point	Not applicable
Upper Flammable Limit	Not applicable
Lower Flammable Limit	Not applicable
Auto Ignition	Not applicable
Explosive Properties	No data available.
Oxidising Properties	No data available.
Vapour Pressure	Not applicable
Relative Density	1.3700
Water Solubility	100 g/L

9.2 Other information

No data available.

Section 10. Stability & Reactivity

10.1 Reactivity No data available.

10.2 Chemical Stability No data available.

10.3 Possibility of hazardous reactions No data available.

10.4 Conditions to Avoid No specific conditions.

10.5 Incompatible Materials Strong oxidising agents.

10.6 Hazardous Decomposition Products No data available.

Section 11. Toxicological Information

11.1 Information on toxicological effects

Eyes	There may be irritation & redness.
Skin	May be harmful in contact with skin.
LD50 Skin	Not available
Ingestion	Presents no significant hazard by ingestion.
LD50 Oral	Not available
Inhalation	May be harmful by inhalation. Causes respiratory tract irritation.
LD50 Inhalation	Not available
TCLo	Not available
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

Section 12. Ecological

12.1 Toxicity No data available.

LC50 Algal Not available

LC50 Crustacea Not available

LC50 Fish Not available

12.2 Persistence and degradability No data available.

12.3 Bioaccumulative potential No data available.

12.4 Mobility in soil No data available.

12.5 Results of PBT & vPvB assessment Assessment not required.

12.6 Other adverse effects None known at present.

Section 13. Disposal Considerations

13.1 Waste treatment methods

Disposal Methods Do not dispose of as domestic waste.

Contaminated Packaging Wash out containers with water.

Section 14. Transport Information

14.1 UN Number	Non-restricted
14.2 Proper Shipping Name	Non-restricted
14.3 Transport classes	
UN classification	None
Subsidiary hazard(s)	None
Transport category	None
ADR Hazard ID	Non-restricted
Tunnel Restriction Code	Non-restricted
14.4 Packing Group	None
14.5 Environment hazards	See section 12.
14.6 Special precautions for user	No special precautions required.
14.7 Transport in bulk	Not transported in bulk.

Section 15. Regulatory Information

15.1 Safety, health and environment regulations specific for substance/mixture.

Classification, Labeling & Packaging of Substances & Mixtures Regulations (1272/2008/CE)

Classification Respiratory sensitization, category 1

Signal word Danger

Hazard Pictograms



Hazard Statements H334
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary Statements P261, P285, P304+P341, P342+P311
Avoid breathing dust. In case of inadequate ventilation wear respiratory protection. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

15.2 Chemical safety assessment

Assessment not required.

Section 16. Other Information

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment. See sections 11 for toxicological information and section 12 for ecological information.

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