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Version 2.2

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SAFETY DATA SHEET

Prepared in accordance with REACH Regulation (EC) No 1907/2006, Regulation (EC) No. 1272/2008 and Commission Regulation (EU) No 453/2010 of 20 May 2010

Potassium Sulphate Fertilizer

1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

- 1.1 Identification of the Substance:** Potassium sulphate fertilizer
EINECS Number: 231-915-5
CAS Number: 7778-80-5
- 1.2 Use of the Substance:** Fertilizer
- 1.3 Company Identification:**
Green Biofuels Ireland Ltd.
Marshmeadows
New Ross
Co. Wexford
Tel: +353 51 447628
Fax: +353 51 440822
E-mail: office@gbi.ie
- 1.4 Emergency number:** Office hours – 0035351447628 / Out of hours – 0035351426724

2 HAZARDS IDENTIFICATION

No hazards have been identified under Regulation (EC) no. 1272/2008.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS #	EINECS #	Classification	Hazard Statements	Proportion
Potassium sulphate	7778-80-5	231-915-5	Not classified	Not required	Ca. 100 %

4 FIRST AID MEASURES

- 4.1 General:** No special measures required.
- 4.2 Inhalation:** If irritation develops, remove person from source of exposure to fresh air. If symptoms persist get medical attention.
- 4.3 Skin Contact:** Wash exposed skin with soap and water. If symptoms persist get medical attention.
- 4.4 Eye Contact:** Flush with large amounts of water for 15 minutes. If irritation symptoms persist get medical attention.
- 4.5 Ingestion:** Clear material from mouth, drink lots of water. If victim is fully conscious, induce vomiting. If large amounts are swallowed, or condition deteriorates, get medical attention.
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5 FIRE-FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media:** Not applicable
Substance not flammable
- 5.2 Unsuitable Extinguishing Media:** Not applicable
Substance not flammable
- 5.3 Special Hazards arising from the Substance:** Release of toxic and corrosive gases/vapours (sulphur oxides)
- 5.4 Special protective equipment for fire-fighters:** Wear full protective clothing.
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6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions:** See Exposure Control (section 8)
- 6.2 Environmental precautions:** Contain released substance
Prevent entry into sewers and public waters.
If in dust cloud, dampen with water spray.
- 6.3 Methods for cleaning up:** Shovel dry product into suitable containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.
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7 HANDLING AND STORAGE

- 7.1 Handling:** Observe normal hygiene standards.
Avoid contact with skin and eyes.
Avoid raising dust.
- 7.2 Storage:** Store at room temperature in a dry area.
- 7.3 Specific Use(s):** No special measures required.

8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Exposure limit values:	None
8.2 Exposure Controls:	
8.2.1 Occupational Exposure Controls:	Carry operations in open air or under local exhaust/ventilation. Rubber gloves and safety glasses should be used.
8.2.2 Environmental Exposure Controls:	Do not to allow the product to enter drainage systems, surface and ground water. Dispose of rinse water in accordance with local and national regulations.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 General Information:	
Physical State:	Powder / granules
Colour:	Colourless / white
Odour:	Odourless
9.2 Important Health, Safety and Environmental Information:	Not applicable
pH:	Not available
Boiling Point (range):	Not available
Melting Point:	1067 °C
Flashpoint:	Not applicable
Flammability:	Not applicable
Explosive Properties:	Not applicable
Oxidising Properties:	Not applicable
Vapour Pressure:	Not applicable
Relative Density:	2.66 g/ml (20 °C)
Water Solubility:	120 g/L (25 °C)
Partition Coefficient: N-Octanol/Water:	Not applicable
Viscosity:	Not applicable
Vapour Density:	Not applicable
Evaporation Rate:	Not applicable

10 STABILITY AND REACTIVITY

10.1 Conditions to Avoid:	No known incompatibility or corrosion at proper use.
10.2 Materials to Avoid:	Strong oxidising agents.
10.3 Hazardous Decomposition Products:	Under fire conditions: Sulphur oxides, Potassium oxides.

11 TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity:	Oral LD50 (rat): 6600 mg/kg body weight
11.2 Skin Irritation:	None
11.3 Eye Irritation:	None
11.4 Sensitisation:	None
11.5 Corrosivity:	None
11.6 Repeated Toxicity:	None
11.7 Carcinogenicity:	None
11.8 Mutagenicity:	None
11.9 Toxicity for Reproduction:	None

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:	Acute toxicity for fish: LC50 > 680 mg product/litre Bacteria toxicity: Not applicable
12.2 Mobility:	Not available
12.3 Persistence and Degradability:	As the substance is not organic, no testing is required.
12.4 Bioaccumulative Potential:	Not available
12.5 PBT Assessment:	Not available
12.6 Other Adverse Effects:	None

13 DISPOSAL CONSIDERATIONS

Dispose of packaging and waste product in accordance to local laws. Do not dispose of waste by sewer.

14 TRANSPORT INFORMATION

This product is not considered as dangerous goods according to RID/ADR, IMDG IATA.

15 REGULATORY INFORMATION

15.1 Safety, health, environmental regulations:	None / Not required This substance is not classified according to Regulation (EC) No. 1272/2008.
15.2 Chemical safety assessment:	A chemical safety assessment has been carried out for this substance.

16 OTHER INFORMATION

In the last update of this safety data sheet changes were made in all sections with respect to the previous SDS, according to new information obtained from REACH registration dossier for the substance

Disclaimer

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