

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifier

Trade name: Lawn Sand 3-0-0 7% Fe  
UFI: TFPK-1V9X-D9AR-T1Q7

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

Relevant identified uses: Fertiliser.  
Uses advised against: All other uses.

#### 1.3 Details of the supplier of the Safety Data Sheet

GreenBest Ltd,  
Unit 2 The Marsh,  
Henstridge, Somerset, BA8 0TF,  
United Kingdom

Phone: +44 (0) 1963 364788  
E-mail: [info@greenbest.co.uk](mailto:info@greenbest.co.uk)

#### 1.4 Emergency telephone number

+44 (0) 1963 364788 – Normal hours are 07:30-16:30 Mon-Fri.  
+44 (0) 7779 987 041 – Out of normal hours only.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 2020/878 [CLP]:**

Acute toxicity (oral), category 4  
Skin irritation, category 2  
Eye irritation, category 2

#### 2.2 Label elements

**Labelling according to Regulation (EC) No. 2020/878 [CLP]:**



**Signal word:** Warning

#### **Hazard statements:**

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.



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### Precautionary statements:

- P264 – Wash hands thoroughly after handling.  
P270 – Do not eat, drink or smoke when using this product.  
P280 – Wear eye protection.  
P301 + P310 – IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P302 + P352 – IF ON SKIN: Wash with plenty of water/soap.  
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313 – If skin irritation occurs: Get medical advice/attention.  
P337 + P313 – If eye irritation persists: Get medical advice/ attention.  
P501 – Dispose of contents/container to national/local/international regulations.

### 2.3 Other hazards

None known.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Lawn Sand 3-0-0 7% Fe is a mixture meeting the criteria for classification in accordance with Regulation (EC) No. 2020/878.

### Hazardous ingredients:

Name	CAS No.	EC No.	Index No.	GHS classification	% (w/v)
Iron Sulphate Monohydrate	17375-41-6	605-688-1	-	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319	20 – 24

The exact percentages (concentration) of composition have been withheld as a trade secret.

### Additional information:

For the full text of the H-statements mentioned in this section, see Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

- General notes:** Move to fresh air. If any signs or symptoms occur, seek medical advice.
- Following inhalation:** Move to fresh air. If any signs or symptoms occur, seek medical advice.
- Following skin contact:** Wash off with soap and plenty of water. Consult a physician.
- Following eye contact:** Immediately flush eyes with copious amounts of water for at least 15 minutes. Check for contact lenses, and remove if present and



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easy to do so. Keep on flushing the eyes. If eye irritation occurs, seek medical advice.

**Following ingestion:** Never give anything orally to unconscious persons. Do not induce vomiting unless directed so by medical personnel. Rinse mouth with water. If symptoms occur, seek medical advice.

**Protection of first aider:** No data available.

### 4.2 Most important symptoms and effects

**Following inhalation:** High inhalation exposure can exert mechanical irritations of the mucosa of the respiratory tract.

**Following skin contact:** Skin irritant. Contact may cause redness, itching, burning and skin damage.

**Following eye contact:** Eye irritant. Contact may cause redness, watering, stinging and swelling.

**Following ingestion:** Nausea, vomiting, diarrhoea, abdominal pain, hypotension, haematemesis, fever. Lack of symptoms within the first 6 hours makes significant toxicity unlikely.

### 4.3 Indication of any immediate medical and special treatment

The physician may contact the national poison centre for advice.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media:** Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Unsuitable extinguishing media:** No data available.

### 5.2 Specific hazards arising from mixture

No data available.

### 5.3 Advice for fire fighters

#### Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

### 5.4 Other information

No other information available.



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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment, i.e. gloves, protective clothing and eye/face protection, and respiratory protection in poorly ventilated places or in case of dust/aerosol formation (see section 8). Minimize exposure.

#### 6.2 Environmental precautions

Do not allow to enter drains or waterways. Waste or contaminated material must be adequately labelled and disposed of in accordance with the local/national regulations.

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

**Methods for cleaning up:** Contain the source of the spill if possible and safe to do so. Collect the spill using water and absorbent material. Clean the area of and around the spill thoroughly.

**Large spills:** Evacuate non-emergency personnel immediately from the affected area. Cleaning of larger spill should only be performed by properly trained personnel.

#### 6.4 Reference to other sections

No data available,

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing by using personal protective clothing and equipment. Keep away from open flames and other sources of ignition. Avoid release into the environment. Avoid the formation of dust. Only use outside or in areas with local exhaust ventilation.

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

**Storage Conditions:** Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep away from direct sunlight.

**Incompatible materials:** See section 10.

#### 7.3 Specific end uses

See section 1.2.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION



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### 8.1 Control parameters

Control parameters according to the local regulations should be taken into account.

### 8.2 Exposure controls

#### Engineering controls:

Avoid contact with skin, eyes and clothing. Wash hands before any interruption of work, and after using the product. Avoid the formation of dust. Only use outside or in areas with local exhaust ventilation.

#### Personal Protective equipment:

Hand: Impervious gloves (e.g. nitrile rubber or PVC). Do not reuse gloves and dispose of immediately after contamination.

Skin: Protective clothing (e.g. lab coats or uniforms). Take off contaminated clothing and wash before reuse.

Eye: Safety glasses or goggles.

Respiratory: In case of inadequate ventilation and/or risk of dust formation, respiratory protection is highly recommended.

Other measures: No statement available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Granules
<b>Colour:</b>	No data available
<b>Odour:</b>	Possible slight ammonia
<b>Odour threshold:</b>	No data available
<b>pH:</b>	No data available
<b>Melting point/range:</b>	No data available
<b>Boiling point/range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability:</b>	Product is non-flammable
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>Vapour density:</b>	No data available
<b>Relative Density:</b>	No data available
<b>Solubility(ies):</b>	No data available
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Auto-ignition temperature:</b>	Product is not self-igniting
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Explosive properties:</b>	No data available
<b>Oxidising properties:</b>	No data available



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### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

Stable product under recommended storage and handling conditions.

#### 10.2 Chemical stability

Stable product under recommended storage and handling conditions.

#### 10.3 Possibility of hazardous reactions

Stable under recommended storage and handling conditions.

#### 10.4 Conditions to avoid

Heating may generate the following products: Toxic gases or vapours.

#### 10.5 Incompatible materials

Strong oxidising agents.

#### 10.6 Hazardous decomposition products

In case of fire: see section 5.2

No other data available.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### General information:

The information in this section primarily refers to the potential hazards of the individual ingredients; the toxicological properties of the mixture have not been investigated. Unless indicated otherwise, toxicological effects were measured by the appropriate OECD methods. In cases where (a lack of) data excludes classification of one of the ingredients, this ingredient is left out of the (sub)sections below.

#### 11.1 Information on toxicological effects

##### Acute Toxicity:

Harmful if swallowed.

##### Skin corrosion/irritation:

Causes skin irritation.

##### Serious eye damage/irritation:

Causes serious eye irritation.

##### Respiratory or skin sensitisation:

No statements available for any of the ingredients.

##### Germ cell mutagenicity:

No statements available for any of the ingredients.



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### **Carcinogenicity:**

This product does not contain known human carcinogens.

### **Reproductive toxicity:**

No statements available for any of the ingredients.

### **STOT – single exposure:**

No statements available for any of the ingredients.

### **STOT – repeated exposure:**

No statements available for any of the ingredients.

### **Aspiration hazard:**

No statements available for any of the ingredients.

### **Likely route(s) of exposure:**

Skin exposure and eye exposure are the most likely to occur. Accidental ingestion is also possible.

## SECTION 12: ECOLOGICAL INFORMATION

### **General information:**

No statements available for any of the ingredients

### **12.1 Toxicity**

No statements available for any of the ingredients

### **12.2 Persistence and degradability**

### **Physical- and photochemical elimination:**

No statements available for any of the ingredients.

### **Biodegradation:**

No statements available for any of the ingredients.

### **12.3 Bioaccumulative potential**

No statements available for any of the ingredients.

### **12.4 Mobility in soil**

### **Known/Predicted environmental distribution:**

No statements available for any of the ingredients

### **Surface tension:**

No statements available for any of the ingredients.

### **Adsorption/Desorption:**

No statements available for any of the ingredients.



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### 12.5 Results of PBT and vPvB assessment

This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

No statements available for any of the ingredients.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product:

Dispose of the product in accordance with all applicable local, regional and national laws and regulations. European, International and Member State specific provisions must be considered. Taking into account the relevant (un)known environmental and human health hazards, take all necessary technical and procedural precautions to prevent occupational exposure and release into the environment.

#### Waste material:

Treat the disposal of any waste material in the same manner as that of the product.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID/IDMG/IATA: Non-regulated

### 14.2 UN proper shipping name

ADR/RID/IDMG/IATA: Non-regulated

### 14.3 Transport hazard class(es)

ADR/RID/IDMG/IATA: Non-regulated

### 14.4 Packing group

ADR/RID/IDMG/IATA: Non-regulated

### 14.5 Environmental hazards

ADR/RID/IDMG/IATA: Non-regulated

### 14.6 Special precautions for user

No statements available.

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable, as product is not shipped in bulk.



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### SECTION 15: REGULATORY INFORMATION

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

No restrictions applicable, according to appendix XVII of REACH.

#### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

### SECTION 16: OTHER INFORMATION

**Complete text of Globally Harmonized System of Classification and Labelling of Chemicals hazard statements as listed in section 3:**

H302 – Harmful if swallowed.

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction.

H319 – Causes serious eye irritation.

H332 – Harmful if inhaled.

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

H341 – Suspected of causing genetic defects.

H350i – May cause cancer by inhalation.

H360D – May damage the unborn child.

H372 – Causes damage to organs through prolonged or repeated exposure.

H373 – May cause damage to organs through prolonged or repeated exposure.

H400 – Very toxic to aquatic life.

H410 – Very toxic to aquatic life with long lasting effects.

#### Further information

The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.