

# F BELLMONT PARK 17-7-13+2,8

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
SDS Ref.: HAIFA  
Date of issue: 12/18/2018 Revision date: 7/16/2019 Version: 2.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : F BELLMONT PARK 17-7-13+2,8  
Type of product : Fertilizer  
Product group : EC FERTILIZER

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/mixture : Fertilizer  
Function or use category : Fertilisers

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

No additional information available

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
POTASSIUM SULPHATE	(CAS-No.) 7778-80-5 (EC-No.) 231-915-5 (REACH-no) 01-2119489441-34	26.2	Eye Irrit. 2, H319
POLYMER		0.5 - 2	Aquatic Chronic 3, H412

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.  
First-aid measures after skin contact : Wash with plenty of water/.... If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an ophthalmologist if irritation persists. Do not apply (chemical) neutralizing agents. Remove contact lenses, if present and easy to do. Continue rinsing.  
First-aid measures after ingestion : Ingestion of large quantities: immediately to hospital. If swallowed, rinse mouth with water (only if the person is conscious). Drink plenty of water. Consult a doctor/medical service if you feel unwell. Do not induce vomiting without medical advice.

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

Symptoms/effects	: Irritation of the eye tissue.
Symptoms/effects after inhalation	: May cause respiratory irritation. Dust : Dry/sore throat.
Symptoms/effects after skin contact	: Contact during a long period may cause light irritation. Red skin.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. On ingestion in large quantities: Blood in stool. Methemoglobinemia. Symptoms may be delayed. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Affect the renal tissue. Enlargement/affection of the liver. Disturbances of heart rate.

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

Delayed adverse effects possible. High temperature decomposition products are harmful by inhalation. Keep under medical supervision for at least 48 hours.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Flood with plenty of water.
Unsuitable extinguishing media	: dry chemical powder. Foam.

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

Fire hazard	: Not combustible but enhances combustion of other substances. When heated to decomposition, emits toxic fumes.
Explosion hazard	: Product is not explosive. Risk of explosion if heated under confinement. May intensify fire; oxidiser.
Reactivity in case of fire	: May intensify fire; oxidiser.
Hazardous decomposition products in case of fire	: Nitrogen oxides. Potassium oxides. Phosphorus oxides. Sulphur oxides. Amines. Ammonia.

### 5.3. Advice for firefighters

Precautionary measures fire	: Keep upwind.
Firefighting instructions	: Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Fight fire with normal precautions from a reasonable distance.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus.
Other information	: Move containers from fire area if it can be done without personal risk.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment	: Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Nitrile rubber gloves, natural rubber gloves. Even though no specific eye irritation data are available, wear eye protection appropriate to conditions of use when handling this material. EN 166. Wear suitable protective clothing, gloves and eye or face protection. Dust production: dust mask with filter type P2.
Emergency procedures	: No open flames, no sparks, and no smoking. Evacuate area. Avoid dust formation. Avoid contact with skin and eyes.
Measures in case of dust release	: Dust production: dust mask with filter type P2. Mechanically ventilate the spillage area.

#### 6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate area. Avoid contact with skin and eyes. Avoid dust formation.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters. Avoid release to the environment.

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

For containment	: Collect all waste in suitable and labelled containers and dispose according to local legislation. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.
Methods for cleaning up	: Large spills: scoop solid spill into closing containers. Minimise generation of dust. On land, sweep or shovel into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed

: Do not breathe dust. Avoid contact with skin and eyes. May intensify fire; oxidiser.

Precautions for safe handling

: Provide local exhaust or general room ventilation. Keep away from sources of ignition - No smoking. Avoid dust formation. Keep container tightly closed to avoid moisture absorption and contamination. Take off contaminated clothing. Do not discharge the waste into the drain. Keep away from combustible materials.

Hygiene measures

: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

Storage conditions

: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight. Keep container tightly closed.

Incompatible products

: Strong acids. Strong bases. Reducing agents. Combustible products. Powdered metals. chromates, e.g. potassium chromate, potassium or sodium dichromate. zinc. copper.

Incompatible materials

: Do not use with copper/aluminium/zinc - risk of corrosion. Powdered metals. Reducing agents. chromates, e.g. potassium chromate, potassium or sodium dichromate.

Heat and ignition sources

: Keep away from open flames, hot surfaces and sources of ignition.

Packaging materials

: Suitable packing materials. Synthetic material. Polypropylene. Polyethylene.

#### 7.3. Specific end use(s)

Fertilizers.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

POTASSIUM SULPHATE (7778-80-5)		
Germany	TRGS 910 Acceptable concentration notes	
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup> Inhalable dust; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005); Respirable dust; 10 mg/m <sup>3</sup> ; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)

#### 8.2. Exposure controls

##### Appropriate engineering controls:

Do not exceed the occupational exposure limits (OEL). Provide adequate ventilation to minimize dust concentrations.

##### Personal protective equipment:

Gloves. Protective clothing. Dust formation: dust mask. In case of dust production: protective goggles.

##### Materials for protective clothing:

Wear suitable protective clothing. EN 14605

##### Hand protection:

Protective gloves. EN 407. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

##### Eye protection:

In case of dust production: protective goggles. Chemical goggles. EN 166

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

Dust production: dust mask with filter type P2

##### Personal protective equipment symbol(s):



##### Environmental exposure controls:

Assure that emissions are compliant with all applicable air pollution control regulations.

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### SECTION 9: Physical and chemical properties

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

Physical state	: Solid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

Additional information : No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

May intensify fire; oxidiser. In case of fire, irritating gases come free. Stable under normal conditions of use.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

None under recommended storage and handling conditions (see section 7).

#### 10.4. Conditions to avoid

Avoid dust formation. Heat. Moisture. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 10.5. Incompatible materials

Organic materials. Strong bases. Strong acids. Oxidizing agents and reducing agents. May be corrosive to metals. chromates, e.g. potassium chromate, potassium or sodium dichromate. reducing materials. Copper alloys. copper. Chlorates. zinc. Combustible materials.

#### 10.6. Hazardous decomposition products

On heating or during combustion : release of (highly) toxic gases/vapours. ammonia. Nitrogen oxides. Phosphorous oxide. Sulphur oxides. Zinc oxide.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### POTASSIUM SULPHATE (7778-80-5)

LD50 oral rat	6.6 mg/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

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STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - air : Not dangerous for the ozone layer.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

#### POTASSIUM SULPHATE (7778-80-5)

LC50 fish 2	653 - 796 mg/l (Lepomis macrochirus)
EC50 Daphnia 1	890 mg/l (Daphnia magna)
Threshold limit algae 1	2900 mg/l (EC50; 72 h; Scenedesmus subspicatus)
Threshold limit algae 2	2900 mg/l (EC50; 72 h)

#### POLYMER

EC50 Daphnia 1 17.8 mg/l REACH C.2

#### 12.2. Persistence and degradability

##### F BELLMONT PARK 17-7-13+2,8

Persistence and degradability Not applicable.

#### POTASSIUM SULPHATE (7778-80-5)

Persistence and degradability Not applicable.

Biochemical oxygen demand (BOD) Not applicable

Biodegradation Not applicable

#### 12.3. Bioaccumulative potential

##### POTASSIUM SULPHATE (7778-80-5)

Bioaccumulative potential (No data available specific to the product).

#### 12.4. Mobility in soil

##### F BELLMONT PARK 17-7-13+2,8

Mobility in soil Soluble in water

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Recycle or dispose of in compliance with current legislation. Disposal must be done according to official regulations.

Sewage disposal recommendations : Prevent product from entering drains. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

Additional information : Container remains hazardous when empty. Continue to observe all precautions. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

### SECTION 14: Transport information

In accordance with ADN / ADR / IMDG / RID

#### 14.1. UN number

UN-No. (ADR) : Not regulated

UN-No. (IMDG) : Not regulated

UN-No. (ADN) : Not regulated

UN-No. (RID) : Not regulated

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated

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Proper Shipping Name (IMDG) : Not regulated  
Proper Shipping Name (ADN) : Not regulated  
Proper Shipping Name (RID) : Not regulated

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not regulated

#### IMDG

Transport hazard class(es) (IMDG) : Not regulated

#### ADN

Transport hazard class(es) (ADN) : Not regulated

#### RID

Transport hazard class(es) (RID) : Not regulated

### 14.4. Packing group

Packing group (ADR) : Not regulated

Packing group (IMDG) : Not regulated

Packing group (ADN) : Not regulated

Packing group (RID) : Not regulated

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

### Indication of changes:

Section	Changed item	Change	Comments
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Removed	
2.2	EUH-statements	Added	

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3	Composition/information on ingredients	Modified	
4.2	Symptoms/effects after eye contact	Modified	

### Full text of H- and EUH-statements:

Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*