



## SAFETY DATA SHEET

### Humber Palmers No16 600kg

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

##### 1.1. Product identifier

Product name	Humber Palmers No16 600kg
Product number	I2271
REACH registration notes	This Mixture is exempt from REACH registration according to Regulation (EC) No. 1907/2006 (REACH) All raw materials used in the mixture are REACH registered where necessary.

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

Identified uses	Fertiliser
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##### 1.3. Details of the supplier of the safety data sheet

Supplier	PB Kent Alexandra Road South, Immingham Dock Immingham DN40 2QW +44 (0) 1469 563980 +44 (0) 1469 571444 sales@pbkent.co.uk
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##### 1.4. Emergency telephone number

Emergency telephone	+44 (0) 1469 563980 Mon - Fri 8am - 5pm
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#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

##### 2.2. Label elements

Hazard statements	NC Not Classified
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##### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## Humber Palmers No16 600kg

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>SSP Single Superphosphate</b>			<b>5-10%</b>
CAS number: 8011-76-5	EC number: 232-379-5	REACH registration number: 01-2119488967-11-XXXX	
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi; R41		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Get medical attention if symptoms are severe or persist.
<b>Skin contact</b>	Wash skin thoroughly with soap and water or use an approved skin cleanser. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing.

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

<b>Inhalation</b>	Dust in high concentrations may irritate the respiratory system.
<b>Ingestion</b>	No harmful effects expected from quantities likely to be ingested by accident.
<b>Skin contact</b>	Skin irritation should not occur when used as recommended.
<b>Eye contact</b>	The product is considered to be a low hazard under normal conditions of use.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Not applicable.

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

<b>Specific hazards</b>	None known.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

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### SECTION 6: Accidental release measures

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

**Personal precautions** Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take care as floors and other surfaces may become slippery.

#### 6.2. Environmental precautions

**Environmental precautions** The product is slowly degradable. The product is not expected to be hazardous to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up** Take care as floors and other surfaces may become slippery. Avoid generation and spreading of dust. Collect spillage with a shovel and broom, or similar and reuse, if possible. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of contents/container in accordance with national regulations. Do not empty into drains. Collect and dispose of spillage as indicated in Section 13.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Read label before use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid inhalation of dust and contact with skin and eyes.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

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

**Storage precautions** Store in a dry place. Keep container in a well-ventilated place. Keep out of the reach of children. Store away from incompatible materials (see Section 10).

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### Ammonium Sulphate

Long-term exposure limit (8-hour TWA): LTEL 10Mg/m<sup>3</sup>

##### Potash (CAS: 7447-40-7)

**DNEL** Workers - Dermal; Short term systemic effects: 580 mg/kg/day  
 Workers - Dermal; Long term systemic effects: 580 mg/kg/day  
 Workers - Inhalation; Short term systemic effects: 292 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term systemic effects: 292 mg/m<sup>3</sup>

**PNEC** Industry - Fresh water; 0,047 mg/l  
 - Marine water; 0,047 mg/l

##### Urea (CAS: 57-13-6)

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<b>DNEL</b>	Consumer - Oral; Long term systemic effects: 42 mg/kg/day Consumer - Oral; Short term systemic effects: 42 mg/kg/day Consumer - Dermal; Long term systemic effects: 580 mg/kg/day Consumer - Dermal; Short term systemic effects: 580 mg/kg/day Industry/Professional - Dermal; Long term systemic effects: 580 mg/kg/day Industry/Professional - Dermal; Short term systemic effects: 580 mg/kg/day Consumer - Inhalation; Long term systemic effects: 125 mg/m <sup>3</sup> Consumer - Inhalation; Short term systemic effects: 125 mg/m <sup>3</sup> Industry/Professional - Inhalation; Short term local effects: 292 mg/m <sup>3</sup> Industry/Professional - Inhalation; Short term systemic effects: 292 mg/m <sup>3</sup>
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<b>PNEC</b>	- Fresh water; 0.47 mg/l - Marine water; 0.047 mg/l
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### SSP Single Superphosphate (CAS: 8011-76-5)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 3.1 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 17.4 mg/kg/day General population - Inhalation; Long term systemic effects: 0.9 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 2.1 mg/kg/day General population - Dermal; Long term systemic effects: 10.4 mg/kg/day
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<b>PNEC</b>	- Fresh water; 1.7 mg/l - Marine water; 0.17 mg/l - Intermittent release; 17 mg/l - STP; 10 mg/l
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### DAP Granular (CAS: 7783-28-0)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 6.1 mg/m <sup>3</sup>
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<b>PNEC</b>	- Fresh water; 1.7 mg/l
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## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

All handling should only take place in well-ventilated areas.

### Eye/face protection

Wear eye protection.

### Hand protection

Wear protective gloves.

### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

### Respiratory protection

No specific recommendations.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Granules.

#### Colour

Beige. to Dark brown. or Black.

## Humber Palmers No16 600kg

Odour	Mild.
Odour threshold	Not determined.
pH	Slightly Acidic
Melting point	Not relevant.
Initial boiling point and range	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not relevant.
Flammability (solid, gas)	The product is not flammable.
Vapour pressure	Not relevant.
Vapour density	Not relevant.
Relative density	Not relevant.
Solubility(ies)	Not known.
Partition coefficient	Not known.
Auto-ignition temperature	Not relevant.
Decomposition Temperature	Not relevant.
Viscosity	Not relevant.
Explosive properties	Not relevant.
Oxidising properties	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

Other information	No information required.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	No test data specifically related to reactivity available for this product or its ingredients.
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### 10.2. Chemical stability

Stability	Stable when stored in a dry place.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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### 10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

Materials to avoid	None known.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	None known.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## Humber Palmers No16 600kg

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** No specific test data are available.

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** No specific test data are available.

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No specific test data are available.

### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** This substance has no evidence of mutagenic properties.

### Carcinogenicity

**Carcinogenicity** No specific test data are available.

### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

### Eye contact

The product is considered to be a low hazard under normal conditions of use.

## SECTION 12: Ecological Information

### **Ecotoxicity**

The product is not expected to be toxic to aquatic organisms. Not regarded as dangerous for the environment. No negative effects on the aquatic environment are known.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is slowly degradable.

#### 12.3. Bioaccumulative potential

**Partition coefficient** Not known.

#### 12.4. Mobility in soil

**Mobility** No data available.

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

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### **Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

### **12.6. Other adverse effects**

#### **Other adverse effects**

Not relevant.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>Disposal methods</b>	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. Only store in correctly labelled containers. Dispose of contents/container in accordance with national regulations. No specific disposal method required. Do not empty into drains.

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

#### 14.6. Special precautions for user

Not applicable.

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

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### SECTION 15: Regulatory information

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

<b>EU legislation</b>	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.



## Humber Palmers No16 600kg

### SECTION 16: Other information

#### Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.  
 CAS: Chemical Abstracts Service.  
 DNEL: Derived No Effect Level.  
 GHS: Globally Harmonized System.  
 IATA: International Air Transport Association.  
 IMDG: International Maritime Dangerous Goods.  
 ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
 LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.  
 LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).  
 PBT: Persistent, Bioaccumulative and Toxic substance.  
 PNEC: Predicted No Effect Concentration.  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
 SVHC: Substances of Very High Concern.  
 vPvB: Very Persistent and Very Bioaccumulative.  
 cATpE: Converted Acute Toxicity Point Estimate.  
 LOAEC: Lowest Observed Adverse Effect Concentration.  
 LOAEL: Lowest Observed Adverse Effect Level.  
 EC<sub>50</sub>: 50% of maximal Effective Concentration.  
 NOAEL: No Observed Adverse Effect Level.  
 NOEC: No Observed Effect Concentration.  
 LOEC: Lowest Observed Effect Concentration.  
 DMEL: Derived Minimal Effect Level.

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	22/05/2018
<b>Revision</b>	2
<b>Supersedes date</b>	13/05/2015
<b>SDS number</b>	5100
<b>Risk phrases in full</b>	R41 Risk of serious damage to eyes.
<b>Hazard statements in full</b>	H319 Causes serious eye irritation.

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