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| <b>R7-04A</b> | <b>Product data Sheet Animal Feeds</b> | <b>Revision: 5</b>      |
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|               |  | <b>Date: 13-12-2017</b> |

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| Supplier | <b>Cefetra Ltd,<br/>King George V Dock<br/>Glasgow<br/>G51 4SE<br/>0141 445 5721</b> |
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| <b>Product Specifications</b>  |  |
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| Feedstuff  | <b>Soya (bean) Hulls</b>   |
| Trading Name   | <b>Soyahulls</b>   |
| Product Description  | Product obtained during dehulling of soya beans.   |
| Category   | 2.18.5   |
| Image: <u>Typical Image of Soya Hull Pellets</u> **                                |  |
|  |  |
| <i>** (product may vary in appearance depending on suppliers)</i>                  |  |
| Specification*   | Protein - ~10.74%<br>Oil - ~1.75%<br>Fibre - ~33% <p style="text-align: right;">* (values are not contractual)</p>   |
| General Use  | (By)products of oil containing seeds are applied in compound feedstuffs for all animal classes. This product can also be fed directly to animals as singular feedstuff.  |
| Packaging & Transport  | Bulk   |
| Labelling  | According to EU legislation  |
| Storage & Storage life   | Dry cool and dark storage. Product can oxidise in storage.   |
| Legal Demands  | The products comply with legal requirements & legislation. The most significant elements of which are: <ul style="list-style-type: none"> <li>• Regulation 183/2005 on Feed hygiene.</li> <li>• Regulation 767/2009 on placing on the market and the use of feed.</li> <li>• GMP+ Feed safety Assurance Scheme.</li> </ul> |
| Undesirable substances   | The maximum determined contents for undesirable substances in feedstuff, such as established in: <ul style="list-style-type: none"> <li>• Directive 2002/32/EG on undesirable substances in animal feed;</li> <li>• GMP+FSA; Appendix 1 (Product standards, including residue standards)</li> </ul>                        |

***This is for information purposes only and is not contractual.***

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|  | <ul style="list-style-type: none"> <li>Regulation 396/2005 on maximum residue levels of pesticides in or on food or feed.</li> </ul> |
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### Specific analysis and standard tolerances

Salmonella – Absent in 25 grs

|                                     |   |
|-------------------------------------|---|
| Appearance                          | Light brown meal or pellets   |
| Country of origin                   | Argentina   |
| <b>Health Information:</b>          |   |
| <b>Inhalation</b>                   | May cause lung congestion if inhaled  |
| <b>Ingestion</b>                    | None – Not harmful if swallowed   |
| <b>Eye Contact</b>                  | In the event of eye contact irrigate with water for 10-15 minutes. Exposure may result in mild irritation. Direct eye contact may result in pain, redness and watering of the eyes. Seek medical attention if symptoms persist. |
| <b>Skin Contact</b>                 | Seek medical attention if symptoms occur or persist   |
| <b>Toxicological Information</b>    | Not available.  |
| <b>Occupational exposure limits</b> | None available  |

### Emergency first aid procedures:

|                     |  |
|---------------------|--|
| <b>Ingestion</b>    | Do not induce vomiting. Give person water to drink. If gastrointestinal symptoms develop seek medical help.                  |
| <b>Eye Contact</b>  | Flush eyes with cool water for 10 – 15 minutes. Do not allow person to rub eyes. Seek medical attention if symptoms persist. |
| <b>Skin Contact</b> | Wash effected area with soap and water. Seek medical attention if irritation develops.                                       |
| <b>Inhalation</b>   | Remove person to fresh ait. Seek medical attention if symptoms persist.  |

### Physical properties:

|                       |                              |
|-----------------------|------------------------------|
| <b>Physical state</b> | Solid                        |
| <b>Appearance</b>     | Brown can be meal or pellets |
| <b>Odour</b>          | Slight pleasant odour        |

### Fire & Explosion hazard:

|                            |   |
|----------------------------|---|
| <b>Flash point</b>         | Volatile gases which have formed in the cargo over the course of self-heating and have a flash point of around 60°C have spontaneously ignited. |
| <b>Flammability</b>        | There is a risk of dust explosion at dust/air ratios of 20 - 2000 g/m <sup>3</sup> .  |
| <b>Extinguishing media</b> | Foam, dry chemical, carbon dioxide – flames should be smothered   |

### Special fire fighting procedures & precautions

Suitable extinguishing agents are dry agent, carbon dioxide and foam. Fire fighters should use self-contained breathing apparatus to avoid exposure to smoke and fumes.

Toxic gases such as hydrocarbons and carbon oxides may evolve when heated.

### Reactivity:

|   |  |
|---|--|
| <b>Stability</b>                        | Stable   |
| <b>Hazardous Polymerization</b>         | Not known  |
| <b>Material to avoid</b>                | Strong oxidizing agents, moisture and heat sources.    |
| <b>Hazardous decomposition products</b> | Combustion produces CO <sup>2</sup> , CO & thick smoke |

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**Personal protection / Exposure control:**

|                               |  |
|-------------------------------|--|
| <b>Respiratory Protection</b> | Always ensure the work area has adequate ventilation. In case of dust formation, wear appropriate respiratory protective equipment determined and fitted by an expert. |
| <b>Skin protection</b>        | None   |
| <b>Eye protection</b>         | Always wear approved safety glasses when working. Full face protective shields can be worn to avoid contact with face. Wash stations should be provided.               |
| <b>Footwear</b>               | Appropriate footwear as specified by workplace requirements.   |

**Environmental Protection:**

|                                  |   |
|----------------------------------|---|
| <b>Environmental precautions</b> | None. Avoid excessive dust emissions  |
| <b>Spill or leak precautions</b> | Clean up spilled material using broom or other measure.   |
| <b>Waste disposal</b>            | Dispose spilled or contaminated material to landfill. Do not release into drains or other measures. |

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