|                              |  | Heygate<br>our Spec   | ifica      | ation              | D<br>HEY<br>1                                     | GATES         |          |
|------------------------------|--|---|------------|--------------------|---|---------------|----------|
| Product Nam                  |  |   | Custor     | mer Name           | _   |               | Cust Ref |
|                              | TM066  | SELF RAISING  |            |                    | Bradleys  |               | HAR150   |
| Description                  | Of Flour   |   | •          |                    |   |               |          |
|                              | odourless and  | g off white powder th<br>d should have a string<br>its and some pastries                      | gent taste |                    | • •   |               |          |
| Flour Analys                 | is   | 202   | 20 ł       | larv               | est   |               |          |
|                              | Method   |   | Ra         | nge                | Method  |               |          |
| NIR PROT                     | FEIN (Dumas N  | x 5.7 as is)  | 9.5        | 10.6               | HEY 014   |               |          |
| NIR MO                       | ISTURE (90 MI  | NS @130C)   | Max        | 15.0               | HEY 014   | σ             |          |
|                              | CARBO  | N DIOXIDE   | 0.6        | 0.9                | HEY CO2   |               |          |
| *The product<br>Shelf Life & | analysis data<br>273   | is obtained using hist<br>Days FLOUR  |            |                    | be subject to chang                               | ge at harvest |          |
| Storage                      | Flour should be stored in cool, well ventilated and pest-free areas away from direct sunlight. |   |            |                    |   |               |          |
| Ingredients<br>Stat Adds     | Wheat<br>Calcium Carbor  | o source wheat from the global ma<br>ate (E170), Iron, Niacin,<br>I and Flour Regulations 199 | Thiamine   | consistent quality | <b>Cour</b><br>UK, GER, POL, F<br>UK, USA, IND, C |               | -        |
|                              | Sodium Carbonates (E500) Calcium Phosphates (E341)   |   |            |                    |   |               |          |
| Issue Date                   | 22-Jan-21  | Spec ID<br>Version  | TL023      | 121                |   | Prepared E    | -        |

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| Page 2 of 7  |   |                                    |             |                                       |   |   |                        |  |
|--|---|------------------------------------|-------------|---------------------------------------|---|---|------------------------|--|
| HQ Address   |   |                                    |             |                                       |   |   |                        |  |
| Add 1  |   | Heygates Ltd                       |             | The b                                 | olow site                               | es are approv                                 | ved to sunnly          |  |
| Add 2  |   | Bugbrooke Flor                     | ur Mills    | The below sites are approved to suppl |   | Ter to Suppij                                 |                        |  |
| Add 2<br>Add 3   |   | Bugbrooke                          |             | Flour                                 | name:                                   | TM066 SELF                                    | DATCING                |  |
| Add 3<br>Add 4   |   | Northants NN7                      | 7 20H       | 1 1041                                | liame.                                  |   | RAIJING                |  |
| Sales & Techn  | ical                                      | Mervin Poole                       |             | Та                                    |   | Dradlay (a                                    |                        |  |
|  |   |                                    |             | To:                                   |   | Bradleys                                      |                        |  |
| Quality Manag  | jer                                       | David Bailey                       |             | I                                     |   |   |                        |  |
| Export Decla   | rations                                   |                                    |             |                                       |   |   |                        |  |
| -  |   | GB119291076                        | ,           | I                                     |   |   |                        |  |
| Heygates EOR   |   |                                    |             | I                                     |   | Goods are of                                  | r UK Origin            |  |
| Product comm   | lodity code                               | 11010015                           |             |                                       |   |   |                        |  |
|  | Ŧ   | <u>Ap</u>                          | provea z    | <u>Sites For The S</u>                |   | t This Produc                                 |                        |  |
| Add 1  |   | Tring                              | ,           | Add 1                                 | B                                       | Ltd Buchrooko                                 |                        |  |
| Add 1  | Heygates Ltd,                             | , Iring                            | ļ           | Add 1                                 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |   |                        |  |
| Add 2  | New Mill                                  |                                    | ļ           | Add 2 Bugbrooke Flour Mills           |   |   |                        |  |
| Add 3  | Tring                                     |                                    | ļ           | Add 3 Bugbrooke                       |   |   |                        |  |
| Add 4  | Herts HP23 4                              |                                    | ļ           | Add 4                                 |   | NN7 3QH                                       |                        |  |
| Tel No.  | 01442 823311                              |                                    | ļ           | Tel No.                               | 01604 830                               |   |                        |  |
| Fax No.  | 01442 890283                              | 3                                  |             | Fax No.                               | Fax No. 01604 831865                    |   |                        |  |
| Grade  | A   |                                    |             | Grade                                 | A                                       |   |                        |  |
| Scope  | -   | ite, wholemeal and bro             |             | Scope                                 | -                                       | f wheat flours incluc                         | -                      |  |
|  |   | ducts, for retail (1.5kg           |             | 1                                     |   | d bread mixes and c                           |                        |  |
| 1  | and industrial (sac<br>supply. Cert No. E | ck-packed and bulk ta<br>FSP 21707 | nker)       | 1                                     |   | ucts, including co-pr<br>oply (sack packed an | -                      |  |
| 1  | Supply: Cert No. 2                        | -SF 21/0/.                         | ļ           | 1                                     | Cert No. ESP                            |   | u buk anker.           |  |
| BRC validation   |   | Site                               | e Code      | BRC validation                        | L                                       |   | Site Code              |  |
|  | BR@S Dire                                 | ectory                             | 20543       | (pls click icon)                      | DRES                                    | Directory                                     | 1127834                |  |
|  |   |                                    |             |                                       |   |   |                        |  |
| Food Safety  | Controls - C                              | Critical Contro                    | Points      |                                       |   |   |                        |  |
|  |   |                                    |             |                                       |   |   |                        |  |
| Final Sieve Siz  | 20  |                                    | 1 mm        | 1                                     | Fraguand                                | cy of Inspectio                               |                        |  |
| Fillal Jieve Jiz   | .e  | L                                  | 1 11111     | I                                     | Пецист                                  |   |                        |  |
| Frequency of   | evertail Charl                            |                                    | Deily       |                                       |   | - fron from                                   | fernier hadias         |  |
| Frequency of o   |   | s L                                | Daily       | ine ne                                |   | De Tree from                                  | foreign bodies         |  |
| Plaw Lina Mot  | - Dotoction                               | 1.0                                |             | 2.000                                 |   |   |                        |  |
| Blow Line Met  |   |                                    | Fe, 1.0Nfe  |                                       |   |   |                        |  |
| Bag Metal Det  | ection                                    | 2.5                                | Fe, Nfe, 3. | .0 SS                                 |   |   |                        |  |
|  |   |                                    |             |                                       |   |   |                        |  |
| De else alma   |   |                                    |             |                                       |   |   |                        |  |
| Packaging  |   |                                    |             |                                       | D.:                                     | De alva aire                                  |                        |  |
| Size of bag  | 6x1.5Kg                                   | Bag Dim. 115                       | x/5x310     | x60mm                                 | Prir                                    | mary Packagin                                 |                        |  |
|  |   |                                    |             |                                       |   | -   | Pallet Configeration   |  |
| Weight   | 1 x 80gsm (                               | per bag)                           | Secon       | ndary Packaging                       | N/A                                     | N   | o. per layer N/A       |  |
| No. layers N/A   |   |                                    |             |                                       |   |   |                        |  |
|  |   |                                    |             |                                       |   |   | ·                      |  |
|  |   |                                    |             |                                       |   |   |                        |  |
| Microbiologica   | al  | Mei                                | an Figs frc | om industry surve                     | y                                       | Mean Figs from                                | m industry survey      |  |
| Aerobic Total Viable Count 31999 cfu/g Presumptive Bacillus cereus 37 cfu/g                                      |   |                                    |             |                                       |   |   |                        |  |
| Yeasts & Moulds 2041 cfu/g Listeria spp (count) <10  |   |                                    |             |                                       |   |   |                        |  |
|  |   |                                    |             |                                       |   |   |                        |  |
|  |   |                                    |             |                                       |   |   |                        |  |
| Presumptive Escherichia coli 0 cfu/g Frequency of tests Post harvest   |   |                                    |             |                                       |   |   |                        |  |
| Micro We consider the product to be low risk microbiologically. The product should pass through a validated heat |   |                                    |             |                                       |   |   |                        |  |
| Analysis   |   | ess i.e. cooking b                 |             |                                       |   |   |                        |  |
|  |   |                                    | Γ AND MU    | ST BE COOKED O                        | R BAKED E                               | BEFORE EATING                                 | G                      |  |
| Mycotoxin /  | Pesticide R                               | esidue Tests                       |             | All wheat and w                       | vheat deri                              | vatives meet o                                | current EU legislation |  |
| Test Frequency of Test   |   |                                    |             |                                       | -                                       |   |                        |  |
| Wheat  | Ochratoxin A                              | A; DONS; ZONS                      |             | • •                                   |   | risk assessed                                 | basis following this.  |  |
|  | Pesticide Re                              |                                    |             | HGCA Project                          |   |   | available on request   |  |
|  |   |                                    |             | ····                                  |   | .,  |                        |  |

## Food Allergen Information

The following list of known allergens is based on the statutory instrument 2008: No.1188. the Food labelling (Declaration of Allergens)(England) regulations 2008 - Amended March 2011

| EggsNONONOQ3: Is there a risk of adventitious cross contaminationFishNONONONOAdventitious cross-contamination can occur in the wheatPeanutsNONONONOAdventitious cross-contamination (vessels, trains, roadSoyabeansNONONOVEShaulage), ports, storage and conveying systems may carryMilkNONONONOother combinable crops when they are not used for wheat.Muts (i.e. almonds, hazelnuts)NONONOBest practice controls are in place to reduce anyCeleryNONONONOAustardNONONOHeygates employ the services of a port superintendent toGesameNONONONOSoulphur dioxide & sulph^ >10NONONONONONONOcheck previous loads and inspect samples of incomingupinNONONONONONONONO  |   |         |       |         | Q1: Is the allergen declared or    | n the packaging label          |  |  |  |
|--|---|---------|-------|---------|------------------------------------|--------------------------------|--|--|--|
| Distaceans NO NO NO   riggs NO NO NO   isih NO NO NO   reanuts NO NO NO   vigabeans NO NO NO   NO NO NO NO   vilk NO NO NO   tilk NO NO NO   vilk NO NO NO   tilk NO NO   tilk <td>Cereals containing gluten</td> <td></td> <td></td> <td></td> <td>Q2: Is this allergen used within</td> <td>n the same production facility</td>  | Cereals containing gluten   |         |       |         | Q2: Is this allergen used within   | n the same production facility |  |  |  |
| ggs NO NO NO NO   isin NO NO NO NO Adventitious cross-contamination can occur in the wheet   isin NO NO NO NO Adventitious cross-contamination (vessels, trains, road   joyabeans NO NO NO NO NO other combinable cross when they are not used for wheat   ikik NO NO NO NO NO other combinable cross when they are not used for wheat   ikits NO NO NO NO NO other combinable cross when they are not used for wheat   ikits NO NO NO NO Adventitious contamination within the supply chain.   ikits NO NO NO NO hold best practice controls are in place to reduce any   ikits NO NO NO NO hold best practice contamination within the supply chain.   ikits NO NO NO NO NO enters if the art hold adventitous   ipin NO NO NO NO NO enters if the art hold adventitous   ipin NO NO NO NO NO enters if the art hold adventitous   ipin NO NO NO N   | Crustaceans   |         |       |         |                                    |                                |  |  |  |
| The service of the service of any | Eggs  | NO      | NO    |         | Q3: Is there a risk of adventition | ous cross contamination        |  |  |  |
| Soyabeans NO NO YES haulage), ports, storage and conveying systems may carry<br>other combinable crops when they are not used for wheat.   NUS (i.e. almonds, hazelnuts) NO NO NO NO Best practice controls are in place to reduce any<br>adventitious contamination within the supply chain.   Lery NO NO NO NO NO NO   Austard NO NO NO NO He services of a port systemed to reduce any<br>adventitious contamination within the supply chain.   Seame NO NO NO NO NO He services of a port systemed to chance the nit in inmise the inclusion of any adventitious<br>cross contamination.   Nutritional Information (per 1009) Typical Magnesium (mg) 25.0   Nutritional Information (per 1009) Typical Magnesium (mg) 25.0   Nutritional Information (per 1009) Typical Magnesium (mg) 1.7   Nutritional Information (per 1009) Typical Magnesium (mg) 0.8   Secondard Secondard Chioride (mg) 0.8   Vester (g) 79.0 Zinc (mg) 0.8   Starch (g) 79.0 Selenium (ug) 3.0   Total Sugars (g) 0.6 Iodine (ug) 0.0   Gord Gluc (g) 0.4 Vitamin D (ug) 0   | Fish  | NO      | NO    | NO      | Adventitious cross-contaminat      | ion can occur in the wheat     |  |  |  |
| Nik NO NO NO NO other combinable crops when they are not used for wheat.   Muts (i.e. almonds, hazelnuts) NO NO NO NO Best practice controls are in place to reduce any.   Austard NO NO NO NO adventitious contamination within the supply chain.   Austard NO NO NO NO NO adventitious contamination within the supply chain.   Austard NO NO NO NO NO cheetee any.   Austard NO NO NO NO cheetee any.   Austard NO NO NO NO cheetee any.   Austard NO NO NO cheetee any. cheetee any.   | Peanuts   | NO      | NO    | NO      | transport chain. Transportatio     | on (vessels, trains, road      |  |  |  |
| NIK   NO   NO   NO   NO   NO   NO   NO   Other combinable crops when they are not used for wheat.     Litts (i.e. almonds, hazelnuts)   NO   NO   NO   NO   NO   NO   Best practice controls are in place to reduce any     Lielery   NO   NO   NO   NO   NO   NO   Adventitious contamination within the supply chain.     Austard   NO   NO   NO   NO   NO   NO   Adventitious contamination within the supply chain.     Austard   NO   NO   NO   NO   NO   NO   Adventitious contamination.   Heygates employ the services of a post superintendent to chains and the post.     Uppin   NO   NO   NO   NO   NO   consecution     Volutitional Information (per 100g)   Typical   Magnesium (mg)   25.0     Vattritional Information (per 100g)   11.3   Magnesium (mg)   25.0     Total Nitrogen (g)   1.6   Protein (g)   0.1   25.0     Fat (g)   1.5   Zinc (mg)   0.8   Colored (mg)   0.1     Control   Av Carbohydrate (g)   79.6   Zinc (mg) </td <td>Soyabeans</td> <td>NO</td> <td>NO</td> <td>YES</td> <td>haulage), ports, storage and c</td> <td>conveying systems may carry</td>  | Soyabeans   | NO      | NO    | YES     | haulage), ports, storage and c     | conveying systems may carry    |  |  |  |
| Value NO NO NO NO adventitious contamination within the supply chain.<br>Heyates employ the services of a port superintendent to<br>seame   Valuetard NO NO NO NO Heyates employ the services of a port superintendent to<br>seame   Support NO NO NO NO Heyates employ the services of a port superintendent to<br>support divide & supph > 10   Support NO NO NO NO Heyates employ the services of a port superintendent to<br>consecuted   Water divide & supph > 10 NO NO NO Heyates employ the services of a port superintendent to<br>entersite mill to minimise the inclusion of any adventitious<br>cross contamination. However, the supply chain is not<br>cross contaminatis and the port.   Sour (g)  | Milk  | NO      | NO    | NO      | other combinable crops when        | they are not used for wheat.   |  |  |  |
| Selery   NO   NO   NO   NO   NO   adventitious contaminations within the supply chain.     Mustard   NO   NO   NO   NO   NO   Heygates employ the services of a port superintendent to obeck previous loads and inspect samples of incoming wheat at the port. Wheat is tested and cleaned when it emers the mill to minimise the inclusion of any adventitious or adventitious of adventitious of adventitious or ad  | Nuts (i.e. almonds, hazelnuts)  | NO      | NO    | NO      | Best practice controls are in pl   | lace to reduce any             |  |  |  |
| Austard     NO     NO     NO     NO     Heygates employ the services of a port superintendent to<br>check previous loads and inspect samples of incoming<br>wheat at the port. Wheat is tested and cleaned when it<br>enters the mill to minimise the inclusion of any adventitious<br>cross contamination. However, the supply chain is not       Values     NO     NO     NO     NO     NO     NO       Values     Galues     Tropoper (mg)     0.1     Tropoper (mg)     0.0  | Celery  |         |       |         |                                    |                                |  |  |  |
| NO NO NO NO NO NO NO Check previous loads and inspect samples of incoming wheat at the port. Wheat is tested and cleaned when it enters the mill to minimise the inclusion of any adventitious cross contamination. However, the supply chain is not concented.   Nutritional Information (per 100g) Typical Magnesium (mg) 25.0   Nutritional Information (per 100g) 11.3 Phosphorus (mg) 16.1   Nutritional Information (per 100g) 1.5 Copper (mg) 0.1   No No 25.0 463.0 10.1   No Starch (g) 79.0 Choirde (mg) 108.0   Starch (g) TR Carotine (ug) 0.0   Sturt (g) 0.1 Retinol (ug) 0.0   Sturt (g) 0.1 Retinol (ug) 0.0   Start (g) 0.4 Train (mg) 0.3   No No Nacin (mg) 0.2   Start (g) 0.4 Niacin (mg) <td>Mustard</td> <td>NO</td> <td></td> <td></td> <td></td> <td></td>  | Mustard   | NO      |       |         |                                    |                                |  |  |  |
| Sulphur dioxide & sulph > 10   NO   NO   NO   NO   NO   NO   Wheat it the port. Wheat is tested and cleaned when it enters the millito minimise the inclusion of any adventitious cross contamination. However, the supply chain is not constant and the million of any adventitious cross contamination. However, the supply chain is not constant and the million of any adventitious cross contamination. However, the supply chain is not constant and the million of any adventitious cross contamination. However, the supply chain is not constant and the million of any adventitious cross contamination. However, the supply chain is not constant and the million of any adventitious cross contamination. However, the supply chain is not constant and the million of any adventitious cross contamination. However, the supply chain is not cross contaminating the supply chain is not cross contamination. If thea   | Sesame  |         |       |         |                                    |                                |  |  |  |
| upin NO   |   |         |       |         | •                                  |                                |  |  |  |
| No NO NO Cross contamination. However, the supply chain is not   Variational Information (per 100g) Typical Magnesium (mg) 25.0   Water (g) 11.3 Magnesium (mg) 25.0   Total Nitrogen (g) 1.6 Phosphorus (mg) 0.1   Protein (g) 1.5 Copper (mg) 0.1   Av Carbohydrate (g) 79.6 Zinc (mg) 0.8   Starch (g) 79.0 Selenium (ug) 3.0   Total Nitrogen (g) 0.6 Iodine (ug) 1R   Fat (g) 1.7 Copper (mg) 0.8   Starch (g) 79.0 Selenium (ug) 3.0   Total Sugars (g) 0.6 Iodine (ug) 1R   Fruct (g) TR Carotanine (ug) 0.0   Starch (g) 0.5 Vitamin D (ug) 0.0   Surr (g) 0.5 Vitamin D (ug) 0.0   Starch (g) 0.4 Vitamin D (mg) 0.3   Lact (g) 0.0 Riboflavin B2 (g) 0.1   Mati (g) 0.4 Vitamin B6 (mg) 0.2   Vitamin B6 (mg) 0.2 Vitamin B6 (mg) 0.2   Mono-unsatd 0.2 Vitamin B6 (20) 0.0   Sodium (mg) 280.0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>   |   |         |       |         |                                    | -                              |  |  |  |
| Autritional Information (per 100g)     Typical     Magnesium (mg)     25.0       Water (g)     11.3     Phosphorus (mg)     463.0       Protein (g)     1.6     Phosphorus (mg)     463.0       Protein (g)     1.5     Copper (mg)     0.1       Av Carbohydrate (g)     79.6     Zinc (mg)     0.8       Energy (kcal)     348.0     Chloride (mg)     108.0       Energy (kl)     1480.0     Manganese (mg)     0.8       Starch (g)     79.0     Selenium (ug)     3.0       Gluc (g)     TR     Retinol (ug)     0.0       Fruct (g)     TR     Carotine (ug)     0.0       Sturates (g)     0.4     Vitamin D (ug)     0.0       Mait (g)     0.1     Thiaimine B1 (mg)     0.3       Lact (g)     0.4     Vitamin B6 (mg)     0.2       Vitamin B2 (g)     0.4     Vitamin B6 (mg)     0.2       Vitamin B3 (mg)     0.2     Vitamin B12 (ug)     0.0       Statd (g)     0.4     Vitamin B6 (mg)     0.2       Poly-unsatd (g) <td< td=""><td>Molluscs</td><td></td><td></td><td></td><td>cross contamination. However</td><td>r, the supply chain is not</td></td<>   | Molluscs  |         |       |         | cross contamination. However       | r, the supply chain is not     |  |  |  |
| Water (g)     11.3     Magnesium (mg)     25.0       Total Nitrogen (g)     1.6     Phosphorus (mg)     463.0       Protein (g)     1.5     Copper (mg)     0.1       Av Carbohydrate (g)     79.6     Zinc (mg)     0.8       Av Carbohydrate (g)     79.6     Zinc (mg)     0.8       Starch (g)     79.0     Selenium (ug)     3.0       Total Sugars (g)     0.6     Iodine (ug)     TR       Fruct (g)     TR     Carotine (ug)     0.0       Sur (g)     0.5     Vitamin D (ug)     0.0       Saturates (g)     0.4     Vitamin B1 (mg)     0.3       Mait (g)     0.1     Ribofavin B2 (g)     0.1       Nicari (mg)     0.2     Vitamin B1 (mg)     0.2       Vitamin B2 (mg)     0.4     Tryptophan/60 (mg)     2.0       Vitamin B2 (g)     0.4     Vitamin B2 (g)     0.0       Nono-unsatd     0.2     Vitamin B1 (mg)     0.2       Vitamin B2 (g)     0.0     Patothenate (mg)     0.4       Sodium (mg)     2.0   |   |         |       | no      | cograpted                          |                                |  |  |  |
| Total Nitrogen (g)     1.6     Phosphorus (mg)     463.0       Protein (g)     8.9     Iron (mg)     1.7       Av Carbohydrate (g)     79.6     Zinc (mg)     0.1       Av Carbohydrate (g)     79.6     Zinc (mg)     0.8       Energy (kcal)     348.0     Chloride (mg)     108.0       Maganese (mg)     0.8     Starch (g)     0.6       Gluc (g)     TR     Retinol (ug)     0.0       Fut (g)     0.6     Iodine (ug)     0.0       Starch (g)     0.4     Vitamin D (ug)     0.0       Starct (g)     0.4     Vitamin B (mg)     0.3       Kitad (g)     0.1     Thiamine B1 (mg)     0.3       Kitad (g)     0.4     Thiamine B1 (mg)     0.2       Vitamin B6 (mg)     0.2     Vitamin B6 (mg)     0.2       Vitamin B6 (mg)     0.2     Vitamin B6 (mg)     0.2       Vitamin B6 (mg)     0.4     Folates (ug)     18.0       Poly-unsatd (g)     0.0     Sadu (g)     0.4     Sodium (mg)       Sodium (mg)     2  |   | 1009)   |       | 1       | Magnesium (mg)                     | 25.0                           |  |  |  |
| Protein (g)     8.9     Iron (mg)     1.7       Av Carbohydrate (g)     1.5     Copper (mg)     0.1       Av Carbohydrate (g)     79.6     Zinc (mg)     0.8       Energy (kcal)     348.0     Chloride (mg)     108.0       Marganese (mg)     0.8     Chloride (mg)     0.8       Starch (g)     79.0     Selenium (ug)     3.0       Total Sugars (g)     0.6     Iodine (ug)     0.0       Fruct (g)     TR     Carotine (ug)     0.0       Sucr (g)     0.5     Vitamin D (ug)     0.0       Malt (g)     0.1     Thiamine B1 (mg)     0.3       Dietary Fibre (g)     3.1     Tryptophan/60 (mg)     2.0       Vitamin B6 (mg)     0.2     Vitamin B6 (mg)     0.2       Poly-unsatd (g)     0.4     Vitamin B12 (ug)     0.0       Trans (g)     TR     Folates (ug)     18.0       Patothenate (mg)     342.0     Poly-unsatd     0.4       Sodium (mg)     280.0     280.0     0.0       Sodium (mg)     280.0     2  | Total Nitroger  | n (a)   |       |         | 5 ( 5)                             |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  | Protein (a)   | (9)     |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  | S Fat (q)   |         |       |         | ,                                  |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  | Av Carbobydr  | ate (a) |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  |   | ate (g) |       |         | · • • /                            |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  | D Energy (Kdl)  |         |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  | $\exists$ Starch (a)  |         |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   4     Kosher   Suitable   Rodents & moth plus 24hr call out   100  |   | (a)     |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  |   | (y)     |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  |   |         |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   4     Kosher   Suitable   Rodents & moth plus 24hr call out   100  | $\square$ $\square$ $\square$ $\square$ $\square$ $\square$ $\square$ $\square$ |         |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   4     Kosher   Suitable   Rodents & moth plus 24hr call out   100  | $\mathbf{\hat{g}} \mathbf{\hat{P}}$ Solution $\mathbf{\hat{g}}$                 |         |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   4     Kosher   Suitable   Rodents & moth plus 24hr call out   100  | $\sum_{i=1}^{n} \mathbf{e}_{i}$ Saturates (g)                                   |         |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  | $i \neq j$  |         |       |         | ,                                  |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  |   | (a)     |       |         | ,                                  |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   4     Kosher   Suitable   Rodents & moth plus 24hr call out   100  |   | (9)     |       |         | ,                                  |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  |   |         |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  |   | ~)      |       |         | ( ),                               |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  |   | 3)      |       |         |                                    |                                |  |  |  |
| Sodium (mg)   342.0   Biotin (ug)   2.0     Potassium (mg)   190.0   Vit C (mg)   0.0     Calcium (mg)   280.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   Note  | S Cholost orol (  | ma)     |       |         |                                    |                                |  |  |  |
| Potassium (mg)<br>Calcium (mg)   190.0   Vit C (mg)   0.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:   Suitable     Kosher   Suitable   Rodents & moth plus 24hr call out   |   | ing)    |       |         |                                    |                                |  |  |  |
| Calcium (mg)   280.0     Suitable For   Pest Control     /egetarian   Yes   No. of routine visits   26     /egans   Yes   No. of technical insp   4     Coeliacs   No   Scope of pest Control:     Kosher   Suitable   Rodents & moth plus 24hr call out   |   | a)      |       |         | ,                                  |                                |  |  |  |
| Suitable For Pest Control   /egetarian Yes No. of routine visits 26   /egans Yes No. of technical insp 4   Coeliacs No Scope of pest Control:   Kosher Suitable Rodents & moth plus 24hr call out  |   | 9)      |       |         | vice (ing)                         | 0:0                            |  |  |  |
| YesNo. of routine visits26/egansYesNo. of technical insp4CoeliacsNoScope of pest Control:<br>Rodents & moth plus 24hr call out   | Calcium (mg)  |         | 200.0 |         |                                    |                                |  |  |  |
| YesNo. of routine visits26/egansYesNo. of technical insp4CoeliacsNoScope of pest Control:<br>Rodents & moth plus 24hr call out   | Suitable For Post Control   |         |       |         |                                    |                                |  |  |  |
| Yeg No. of technical insp 4   Coeliacs No Scope of pest Control:   Kosher Suitable Rodents & moth plus 24hr call out   |   |         |       |         |                                    |                                |  |  |  |
| No     Scope of pest Control:       Kosher     Suitable     Rodents & moth plus 24hr call out  |   |         |       |         |                                    |                                |  |  |  |
| Kosher     Suitable     Rodents & moth plus 24hr call out  |   |         |       |         |                                    |                                |  |  |  |
|  |   |         |       |         |                                    |                                |  |  |  |
|  |   |         |       |         | •                                  | Pooding Borkshiro              |  |  |  |
|  |   | 103     | J     | Contrad |                                    |                                |  |  |  |
|  |   |         |       |         |                                    |                                |  |  |  |
|  |   |         |       |         |                                    |                                |  |  |  |
|  |   |         |       |         |                                    |                                |  |  |  |

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## **Heygates Food Safety Policies**

**Genetic Modification** 

At this time no genetically modified wheat has been authorised in the EU for commercial cultivation, nor for import into the EU. NABIM (The National Association of British and Irish Millers) continue to monitor the developments in the areas of labelling and patenting of agricultural food products derived from GMO's and keep its members informed of any developments. Regulations (EC) 1139/98 and 49/2000, and the new regulations (EC) 1829/2003 and 1830/2003 on the compulsory labelling in foodstuffs of products derived from GMO's, do not apply and additional specific labelling is not required.

Nut Policy

Heygates Ltd do not process any nut or seed products at any of our flour production facilities. Flour is produced in a sealed system and conveyed by means of an enclosed pneumatic pipe to bulk storage where it can either be discharged into dedicated bulk flour tankers or packed into flour sacks.

## COSHH

1: Product: TM066 SELF RAISING

#### Details below are for wheat flour - the worse case scenario 2: Composition/Information on Ingredients

Wheat Flour is produced by milling cleaned wheat grain or endosperm of cleaned wheat grain. Flour is mainly used in the manufacture of bread, biscuits, confectionery, other foodstuffs and for various industrial purposes.

## **3: Hazards Identification**

MEL(maximum exposure limit)

This product is not classified as hazardous to health according to EC directive.

8hr TWA 10mg/m3 STEL 30mg/m3

In normal use wheat flour does not present a serious health risk and ingestion has no adverse effects. To comply with the Control of Substances Hazardous to Health Regulations and the assigned MEL, and for general health reasons outlined below, it is necessary to reduce so far as reasonably practicable personal exposure to any dust through enclosure, ventilation and the provision and use of personal protective equipment.

## 4: First Aid Measures

Inhalation: Flour dust may cause asthmatic reactions in a small proportion of susceptible employees. Remove affected person from area of exposure preferably into fresh air. Anyone who has asthmatic symptoms from an exposure to dust should seek medical advice. The symptoms normally disappear if the sufferer avoids further exposure.

Eyes: Flour dust may cause discomfort and the eyes should be washed with running water. Medical advice should be sought if the discomfort persists.

Skin: Flour can have a drying effect on the skin. For hygiene reasons it should be cleaned from broken skin to reduce risk of infection. There should be no adverse response from exposure to skin. It is only very rarely, if ever, the cause of dermatitis (see 8. Exposure and Controls below).

5: Fire Fighting Measures

Extinguish with Water(Red) or Foam (Cream).

Extinguish with Powder(Blue) should there be an electrical risk or electrical fire, when water and foam should not be used.

Extinguish with Foam(Cream) or Powder if burning liquids are involved.

Use of CO2 (Black), particularly large trolley-mounted extinguishers, may incur risk of generating an ignitable dust cloud.

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#### 6: Accidental Releases

Flour should be swept up, do not allow to enter drainage system, do not hose down.

Vacuum cleaners must be spark free and earthed. Vacuuming is the preferred method of cleaning. Brushes should preferably be of the type with coloured nylon bristles.

Compressed air is not suitable for cleaning jobs. It is dangerous and it spreads the problem to areas which are harder to clean and possibly into unexpected sources of ignition.

## 7: Handling and Storage

In bulk, flour should be stored at ambient temperatures in dry bins. Bagged flour should be stored in cool, dry conditions. Flour is usually supplied either by bulk tanker or in paper bags.

Static Electricity: The pneumatic intake of flour from bulk tankers can give rise to static electricity. Accordingly it is essential for blowlines to be earthed; suitable earthing points must be provided at the discharge point. Manual Handling: All manual handling operations, including those involving flour bags, should be the subject of

risk assessment appropriate to the environment and the physical characteristics of the handlers.

#### 8: Exposure and Controls

Dust formation should be minimised during handling to prevent inhalation and skin contact. Overalls and dust respirators are recommended when handling loose materials. Spillages should be removed without delay to maintain hygiene standards and to minimise the level of dust in the atmosphere. Vacuum cleaning should be used wherever possible. It is unusual for contact with clean flour dust to cause dermatitis however high standards of personal hygiene should be maintained to avoid the possibility of dermatitis or product contamination.

## 9: Physical and Chemical Properties

White free flowing powder.

Particle Size

Will vary with flour type. E.g., in white flour a large majority of particles will be smaller than 150 microns, 50% of particles being smaller than 50 microns. For fine cake flours, about 50% of particles will be below 25 microns. In wholemeal flour, some particles will be greater than 300 microns.

Specific Heat

0.42 J/gm C.

Explosive Concentrations

Above 50g/m<sup>2</sup>. (Upper explosive limit concentrations are not well defined for combustible dusts.) Ignition Temperatures

A cloud of flour in air can be ignited by surfaces at temperatures of about 400<sup>o</sup>C. Layers of flour on a hot surface can smoulder at around 200<sup>o</sup>C, leading to flame and ignition.

Kst Values

Comprehensive tests on flours indicate a range between 74 and 120 bar m/s, depending on the flour type, particle size and moisture content. (The limit for the least severe class of explosible dusts, St1, is 200 bar m/s and this figure is often used for determining suitable vent size.) Density Usually between 450 and 560 kg/m3. **10. Fire and Dust Explosion Hazards** 

Like most organic materials, flour dust is flammable. Although not especially combustible, in certain conditions flour can form dust clouds which, if ignited, can lead to a dust explosion. The following precautions should therefore be taken:

• Adequate extraction facilities should be provided in all areas subject to dust, • Care should be taken to prevent the formation of dust clouds in storage and conveying plant, • Potential sources of ignition should be avoided, • Silos and appropriate equipment, including blowlines, should be earthed to prevent ignition by electrostatic discharge, • Adequate explosion prevention or protection should be fitted to silos and other appropriate equipment, • Smoking must be prohibited near storage and handling areas, • Build-up of dust on beams and ledges – representing a potential dust cloud if dislodged - should be prevented, • Electrical equipment should be of the type suitable for flammable dusts

Further advice on this matter is contained in the technical data below and in "The Prevention of Dust Explosions in Flour Mills and Bulk Flour Containers", available from NABIM.

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#### **11. Toxicological Information**

This product is non-toxic.

Ingestion: Safe for human ingestion.

Inhalation: Repeated exposure may cause sensitisation and asthma (see 8. Exposure and control)

Eye: May cause discomfort as a foreign body/matter.

Skin: Slight drying of skin. May cause dermatitis in rare cases

12. Ecological Information

None available at this time

**13. Disposal Considerations** 

Dispose of according to national and local regulations.

14. Transport Considerations

This product is not classified as dangerous goods.

**15. Regulatory Information** 

The product is produced so as to comply with the prevailing requirements of the Food Safety Act and the Bread and Flour Regulations.

EH 40 Risk Phrases: none

EH 40 Safety Phases: none

16. Other Information

Under COSHH Regulations the user is under a legal obligation to carry out suitable and sufficient assessment of the health and safety risks which this material may present.

Reference should be made to:

Occupational Exposure Limits EH40/current year

Preventing Asthma at Work L55

Handling of Combustible Dusts HSE 103

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of issue below. The information is for guidance in safe handling, use, storage, transportation, disposal and release and is not in itself a warranty or quality specification. The information relates only to the products identified. This Material Safety Data Sheet may not be valid for such product used in combination with other substances or processes which must be assessed separately.

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# HACCP - Process Flow Diagram

| Process                     | Status  | Checks /<br>Monitoring                       |
|-----------------------------|---|--|
| Wheat Intake                | <b>PRE REQ</b> - pesticide,<br>moisture, taint &<br>infestation | All wheat is sampled and positively released |
| Wheat Storage               |   |  |
| Wheat Conditioning          | <b>CP</b> - micro hazard from mains water                       | Water tested for micro content every year    |
| Wheat Cleaning              |   |  |
| Milling                     |   | Daily detector tests and rejects sampled     |
| Metal Detector              | <b>CCP</b> - metal contamination                                | 1.0Fe, 1.0Nfe, 2.0SS                         |
| Final Sieve                 | <b>CCP</b> - foreign body contamination                         | Sieve integrity and overtail checks          |
| Storage                     |   |  |
| Packing                     |   | 2 hrly bag metal detector checks             |
| Bag Metal Dec               | CCP - metal<br>contamination                                    | 2.5Fe, Nfe, 3.0 SS                           |
| Palletisation &<br>Despatch |   |  |
| Bulk Outloading             |   |  |
| Despatch                    | CP - Tanker hygiene   | Tanker cleaning schedule                     |