

## PRODUCT DATA SHEET

### **FOODGUARD Clear Grease 2**

*Translucent, synthetic premium non-melting grease*

**FOODGUARD Clear Grease 2** is synthetic translucent gel-like grease suitable for a wide range of applications in the Food, Drink and Pharmaceutical industries or where clean lubricating grease is desired. **FOODGUARD Clear Grease 2** is non-melting, non-toxic and is suitable for the lubrication of plain and rolling element bearings as well as for the lubrication of plastic components and O rings. The inclusion of PTFE provides good anti-wear properties. This product can also be for use in micro-electronic and clean room applications, which are sensitive to metallic elements and other contaminants. **FOODGUARD Clear Grease 2** do not use ingredients containing lithium, molybdenum, calcium, aluminum, barium, zinc, phosphorous or sodium. These elements are typically found in other greases and may be contained in relatively high concentration. **FOODGUARD Clear Grease 2** provides outstanding low friction and anti-wear properties making it ideal for use in all precision requirements and applications which require exceptional lubricity.

#### **PRODUCT BENEFITS**

- NSF: H1 registered (Lubricant with incidental food contact- for use in and around food processing areas)
- Resistance to the wet and salt water enables lubrication intervals to be extended
- Wide temperature range makes this a very versatile grease
- Excellent anti-wear performance prolongs component life
- Good resistance to vibrating conditions extending lubrication intervals
- Non-melting, non-toxic

#### **TYPICAL APPLICATIONS**

- Suitable for a wide range of applications in the Food, Drink and Pharmaceutical industries or where a clean lubricating grease is desired.
- Suitable for the lubrication of plain and rolling element bearings as well as for the lubrication of plastic components and O rings.

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### FOODGUARD Clear Grease 2

#### PROPERTIES OF MATERIAL

##### Typical Value

|   |   |                                 |
|---|---|---------------------------------|
| Appearance                                    | - | White translucent grease        |
| NLGI Classification                           | - | 2                               |
| Thickener                                     | - | Inorganic Thickener             |
| Drop point (IP 132)                           | - | Non melting                     |
| Base oil                                      | - | Blend of Synthetic Hydrocarbons |
| Viscosity @ 40°C                              | - | 330 cSt                         |
| Oil Separation                                | - | None                            |
| Solid lubricant                               | - | PTFE                            |
| Water washout (ASTM D1264) @ 38°C             | - | < 2% max.                       |
| Dynamic corrosion resistance (EMCOR) (IP 220) | - | 0:0                             |
| Shell Four Ball – Weld Load (IP239)           | - | 210kg                           |
| dN factor                                     | - | 500,000                         |
| Operating temperature range                   | - | -40°C to +160°C                 |

#### GENERAL INFORMATION

**FOODGUARD Clear Grease 2** can be applied by hand, or by using a standard grease gun (400g cartridges are available), or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

#### HEALTH AND SAFETY INFORMATION

All ingredients are FDA listed ingredients under 21 CFR 178.3570. **FOODGUARD Clear Grease 2** is NSF H1 registered and meet the USDA 1998 H1 Guidelines. These products do not contain genetically modified ingredients, and nut oil or derivatives. The product is non-hazardous. A Material Safety Data Sheet is available from the Guardian Food Grade Oils Technical Department upon request or available on our website.

**Product Code:6201**

**Pack Size: 400gm Cart, 18kg**

The content of this data sheet is given in good faith but without warranty (August 2017).