



## TECHNICAL DATA SHEET

PRODUCT GRDAE

**PF 85**

PRODUCT TYPE

**POLYFINE :ONE PACK LURICANT**

PRODUCT GRADE

**PF 85**

### PRODUCT DESCRIPTION

GCC offers PolyFine as one of the finest range of one pack lubricants. PolyFine is a lubricant system specially developed for rigid PVC application like PVC pipes, Profiles, Pressure Pipes, Non Pressure Pipes etc.

### TYPICAL APPLICATION

- Excellent lubricant for RPVC.
- Pressure Pipes.
- Non Pressure Pipes.
- Profiles.
- Conduits.
- Fittings.
- Cables

### PRODUCT CHARACTERIST

- High melting and softening point
- Excellent internal lubrication as compared with other external lubricants
- Low viscosity
- Excellent heat resistance and thermal stability.
- High hardness level
- Excellent chemical resistance
- Excellent compatibility with other waxes
- Reduce inventory and Simplify inventory control.

### PHYSICAL PROPERTIES

Property	Test Method	Value	Unit
Viscosity @ 100 °C	ASTM D3236	10-20	cPs
Density	ASTM D1505	0.94	g/cm <sup>3</sup>
Melting Point	ASTM D3954	80-85	°C
Physical Appearance		Solid Slab/Granules	

**Note:** The given values are typical value measured on the product. Values herein are not to be constructed as a product specification.

### PROCESSING GUIDELINES

The recommended melt temperature of **PF 85** is 80-85 C. It is recommended to use mixing machine giving good homogenization. The recommend dosage depends on the intended applications which are shown below:

#### Product Technical Assistance

For technical assistance or further information on this product or any other Goyel Chemicals' products contact your Goyel Chemicals technical service at the address or telephone number as specified below.

### PRODUCT AVAILABLE FORM

White Granules /White Slabs

### PRODUCT PACKAGING

- 25 kg loose bag
- 25 kg bag on pallet (pelletized wrap) • 750

### STORAGE

- Store in original container in tidy according to the manual of Handling and Storage from Goyel Chemical Corporation.
- Product(s) should be stored in dry and dust free location at temperature below 50°C and protected from direct sunlight and/or heat, well-ventilated area, away from incompatible materials and food and drink, as this may lead to quality deterioration, which results in odour generation and colour changes and can have negative effects on the physical properties of this product.
- Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
- The storage area should be stable and not be slopped.



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### SAFETY

- The product is classified as a nonhazardous material.
- Please see our Material Safety Data Sheet for details on various aspects of safety, recovery, and disposal of the products; for more information, contact your GCC Performance Chemicals technical service.

### RECYCLING

- The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling.
- Please see our Material Safety Datasheet for details on various aspects of safety, recovery and disposal of the products; for more information, contact your GCC Performance Chemicals technical service.

### RELATED DOCUMENTS

- The latest version of this document will be available at our website, [www.goyelchemical.com](http://www.goyelchemical.com), or can be obtained from the GCC Chemicals technical service.
- The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.
  - \* Material Safety Datasheet
  - \* Statement on compliance to food contact regulations

### DISCLAIMER

- The product can be used only for the application as specified here above.
- To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication, however we do not assume any liability whatsoever for the accuracy and completeness of such information.
- We make no warranties which extend beyond the description contained herein. Nothing herein shall constitute any implied warranty of merchantability or fitness for a particular purpose.
- It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.
- No liability can be accepted in respect of the use of our products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials