



## **SPELL 800 PGPR (E-476)**

### **DESCRIPTION**

PGPR is partial esters of polyglycerol esters of polycondensed fatty acids from Castor Oil.

### **PHYSICAL/CHEMICAL SPECIFICATION**

Lipid Source: Castor Oil

Raw Material: Ricinoleic Acid, Polyglycerol

Colour & State: Yellowish Viscous Liquid

Assay: Di-, Tri- & Tetraglycerol > 75%

Heptaglycerol & greater < 10%

Acid Value: Max. 3 mgKOH/g

Iodine Value: 72-103

Hydroxyl Value: 80-100

Refractive Index: 1.463-1.467

Saponification Value: 170-185 mgKOH/g

### **HEAVY METALS**

Arsenic (As): Max. 3 mg/kg

Cadmium (Cd): Max.1 mg/kg

Lead (Pb): Max. 1 mg/kg

Mercury (Hg): Max. 1 mg/kg

Heavy Metals: Max. 10 mg/kg

### **APPLICATION AREAS**

Low fat spreads, chocolate, compound coatings, pan release applications.  
Specially Designed for Excellent results in Chocolate.

### **SHELF LIFE/STORAGE**

Store in cool temp. of 25-30°C .

Best before 24 months from the date of manufacturing.

### **PACKING**

25 kg Jerry Cans/200kg HDPE Drums/ IBC packing