

**Revision-No.:**

2-07.2008 Effective July 31, 2008

**Description**

Liquid, partial fatty acid ester of glycerine

**Appearance**

Pale yellowish

**Technical Data**

|                       |                    |
|-----------------------|--------------------|
| Acid value            | 0 - 1.0 mg KOH/g   |
| Refractive index 20°C | 1.472 - 1.475      |
| Saponification value  | 178 - 182 mg KOH/g |
| Lovibond 1"           |                    |
| yellow                | 0 - 5.0            |
| red                   | 0 - 1.0            |

**Further Details**

|                      |                |
|----------------------|----------------|
| Solidification point | < 0 °C         |
| Viscosity, 20 °C     | 90 - 110 mPa·s |

**Applications**

Internal lubricant during processing of rigid PVC, preferably for the manufacture of Sn-stabilized rigid PVC films according to calendering and extrusion process.

**Properties**

Internal lubricant with low volatility

**Dosage**

0.5 - 1.5 %

**Food Law Approvals**

**Approved for use in**  
Countries of the EU, USA  
information on request

**Drinking water approval**  
Germany, Netherlands

## **Analysis methods**

|                      |                 |
|----------------------|-----------------|
| Acid value           | DIN EN ISO 2114 |
| Refractive index     | DIN 51423       |
| Saponification value | DIN EN ISO 3681 |
| Lovibond 1"          |                 |
| yellow               | DGF C-IV 4b     |
| red                  | DGF C-IV 4b     |

## **Storage**

It is recommended to store LOXIO<sup>®</sup>L P 1141 at room temperature and to protect the product against the effects of heat and frost. If stored in sealed original containers, LOXIO<sup>®</sup>L P 1141 will keep for at least 24 months.

## **Miscellaneous**

### **Additional comment**

Due to its pour-point, the product may deposit and becomes solid at approx. 0 °C. This is specific to the product and a physical property and will be reversible when heated under stirring. This has no influence on effectivity and on application properties.

---

All products in the text marked with an ® are trademarks of the Emery Oleochemicals.

The information on product specifications provided herein is only binding to the extent confirmed by Emery Oleochemicals in a written Sales Agreement. Emery Oleochemicals EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE SUITABILITY OF THE PRODUCTS FOR ANY SPECIFIC OR PARTICULAR PURPOSES INTENDED BY THE USER. Suggestions for the use and application of the products and guide formulations are given for information purposes only and without commitment. Such suggestions do not release Emery Oleochemicals' customers from testing the products as to their suitability for the customer's intended processes and purposes. Emery Oleochemicals does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the products is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

**Emery**

**Oleochemicals**