

FloraRez™ LRL

Liquid Resin

Description

FloraRez LRL liquid resin is the methyl ester of partially hydrogenated gum rosin. It is a transparent, clear to pale yellow, tacky viscous liquid that is specially processed to minimize product odor. It is used to plasticize, add tack to, or modify properties of a variety of formulations. In fragrance compounds, it serves as a diluent, carrier, and fixative.

Applications

- Adhesives
- Inks, coatings, lacquers
- Fragrance compounds
- Cosmetics, depilatory waxes
- Rubber, vinyl, and plastics

Properties	Sales Specifications	Typical
Color, Gardner, maximum	6	3
Acid Value, mg KOH/g	4 – 8	6
Viscosity, Brookfield@25°C, mPa·s	3000 – 7000	4700
Refractive Index @20°C		1.519
Density @25°C, kg/l		1.03

September 2018

The information herein is believed to be accurate and is offered for your consideration and verification. Buyer assumes all risk from the use, storage and/or handling of the product. Florachem makes no warranties, express or implied, as to the accuracy or utility of these data or suitability of products for a particular use. The products supplied by Florachem are for manufacturing use only and are supplied based on specifications. Read and understand the Safety Data Sheet (SDS) before using this product.

FloraRez™ LRL

Packaging	Form	Net Weight
Drum, tight head, lined steel	Liquid	200 kg

Storage and Handling

Store inside or under roof in original packaging. Keep dry. Avoid freezing and excessive heat. Product may be poured or pumped at ambient temperature; slight warming may facilitate flow.

Features and Benefits

- Natural, renewable
- Resistant to oxidation
- Pale color
- Low odor
- Hydrogenated
- Wide compatibility
- Liquid resin

Compatible with	Soluble in
Other harder hydrogenated rosin resins; natural and synthetic resins and rubber; chlorinated rubber; nitrocellulose; ethylcellulose; polyvinyl chloride; vinyl acetate-chloride copolymers; polyvinyl ethers; waxes; aroma chemicals	Alcohols, esters, ketones, ethers, coal tar, petroleum hydrocarbons, and vegetable and mineral oils. Insoluble in water.

Regulatory/Classifications																					
CAS Number	8050-15-5																				
DOT Shipping Classification	Not Regulated																				
Harmonized Tariff Code	380690																				
INCI (International Nomenclature of Cosmetic Ingredients)	Methyl Hydrogenated Rosinate or Hydrogenated Methyl Abietate																				
US FDA	<table border="0"> <tr> <td>21 CFR 172.515</td> <td>21 CFR 176.210</td> </tr> <tr> <td>21 CFR 172.615</td> <td>21 CFR 177.1200</td> </tr> <tr> <td>21 CFR 175.105</td> <td>21 CFR 177.1210</td> </tr> <tr> <td>21 CFR 175.125</td> <td>21 CFR 177.1400</td> </tr> <tr> <td>21 CFR 175.300</td> <td>21 CFR 177.2600</td> </tr> <tr> <td>21 CFR 175.320</td> <td>21 CFR 178.3120</td> </tr> <tr> <td>21 CFR 175.390</td> <td>21 CFR 178.3800</td> </tr> <tr> <td>21 CFR 176.170</td> <td>21 CFR 178.3850</td> </tr> <tr> <td>21 CFR 176.180</td> <td>21 CFR 178.3870</td> </tr> <tr> <td>21 CFR 176.200</td> <td>21 CFR 73.1 (b)</td> </tr> </table>	21 CFR 172.515	21 CFR 176.210	21 CFR 172.615	21 CFR 177.1200	21 CFR 175.105	21 CFR 177.1210	21 CFR 175.125	21 CFR 177.1400	21 CFR 175.300	21 CFR 177.2600	21 CFR 175.320	21 CFR 178.3120	21 CFR 175.390	21 CFR 178.3800	21 CFR 176.170	21 CFR 178.3850	21 CFR 176.180	21 CFR 178.3870	21 CFR 176.200	21 CFR 73.1 (b)
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