



# RAIL SWITCH PLATE LUBRICANT

## BIOBASED RAILROAD LUBRICANTS

DESCRIPTION	ECORail®'s <b>RAIL SWITCH PLATE LUBRICANT</b> is a biodegradable, non-toxic and water-resistant lubricant. ECORail®'s <b>RAIL SWITCH PLATE LUBRICANT</b> is formulated with natural seed oils and proprietary additives to protect railway switches from wear and to prevent rust and corrosion, while not impacting the environment.	
BIOBASED	Biobased, biodegradable, not-bioaccumulative, non-aquatic toxic, and not toxic to plants: Based on evaluation of the base oils and the finished products, the ECORail™ biobased products are designed to be biodegradable, aquatically non-toxic, not-bioaccumulative, and with no impact on plants as determined by known test methods. Nevertheless, the use of all ECORail®'s products are subject to local ordinances, and ultimate responsibility for impact remains with the users.	
APPLICATIONS	<ul style="list-style-type: none"><li>■ Railroad switches and switch machines</li><li>■ Can be poured, brushed, wiped or sprayed on with mechanical sprayers</li><li>■ Also available is a <b>FRIGID CLIMATE RAIL SWITCH PLATE LUBRICANT</b> for applications in more frigid and northern climates when temperatures remain below -18°C (0°F) for extended periods of time.</li></ul>	
BENEFITS	<ul style="list-style-type: none"><li>■ Biodegradable and virtually non-toxic</li><li>■ Eliminates caustic and toxic chemicals</li><li>■ Less flammable than petroleum-based lubricants</li><li>■ Resists washout from rain or ice melting</li><li>■ Good penetration into switch</li><li>■ Resists build-up of dust and dirt</li><li>■ Conforms to EPA's EPP and USDA biobased criteria</li><li>■ Made from renewable USA-grown crop-based oils</li></ul>	
DIRECTIONS	ECORail®'s <b>RAIL SWITCH PLATE LUBRICANT</b> is designed to be wiped, poured, brushed on or used in a mechanical sprayer.	
TYPICAL PROPERTIES	Viscosity at 40°C (cSt)	50
	Viscosity Index	196
	Flash Point, °C (°F)	260 (500)
	Pour Point, °C (°F)	-23 (-10)
	Base Oil Biodegradability	Pass
	Base Oil Aquatic Toxicity	Non toxic
PACKAGING	Bulk 275 Gallon Totes 55 Gallon Drums 5 Gallon Pails	

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