

**Product: Orontas LANOPRO 50**

Date created: 01/01/2010  
Date revised: 06/14/2010

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## 1. Identification of Substance/Preparation and of the Company

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<b>Product name:</b>	LANOPRO 50	<b>Supplier:</b>	Orontas Inc.
<b>Product use:</b>	Coating for protection from rust		135 Queens Plate Dr.
<b>Issued By:</b>	Orontas Inc.		Suite 600
			Toronto, ON
			M9W 6V7 Canada
			Phone: 416 792 1076
<b>Emergency Telephone:</b>	CANUTEC (613) 996-6666	<b>Manufacturer:</b>	Lanopro Production AS

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## 2. Hazard Identification

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Not expected to be a health, safety or environmental hazard.

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## 3. Composition / Information on Ingredients

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The product contains no ingredients subject for classification, or present in quantities necessary to be stated.

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## 4. First-Aid Measures

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<b>Ingestion</b>	Rinse mouth with water. Do not induce vomiting. Seek medical advice.
<b>Eyes</b>	Flush eyes with plenty of water, seek medical attention if the pain persists.

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## 5. Fire Fighting Measures

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<b>Extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog.
<b>Special fire fighting procedures</b>	Directed water jet may cause danger for spreading burning material.
<b>Protective measures in fire</b>	Wear self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.

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## 6. Accidental Release Measures

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<b>Personal protection</b>	Wear appropriate personal protective equipment - see Section 8.
<b>Environmental protection</b>	Do not allow to enter drains, sewers or watercourses.
<b>Spill cleanup methods</b>	Collect material into suitable container and dispose according to local authority requirements – see Section 13

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## 7. Handling and Storage

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<b>Usage precautions</b>	See section 8 – personal protection.
<b>Storage precautions</b>	Store away from children.

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## 8. Exposure Controls/Personal Protection

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<b>Ventilation</b>	No specific ventilation requirements noted.
<b>Protective gloves</b>	Use safety gloves made of Nitril, neoprene with cotton lining (if possible) if exposed for extended periods of time( > 8 hours. Change gloves after 4-5 hours, turn inside out and air.
<b>Eye protection</b>	Wear approved chemical safety goggles where eye exposure is reasonably probable.
<b>Other Protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.

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## 9. Physiological and Chemical properties

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<b>Appearance</b>	Thick Liquid	
<b>Colour</b>	Light brown	
<b>Odour</b>	Mild (or faint)	
<b>Solubility description</b>	Insoluble in water. Soluble in organic solvents (most)	
<b>Freezing/Melting point</b>	-30°C/+80°C	
<b>Density</b>	951.1 kg/m <sup>3</sup>	ISO 12185
<b>Flash point</b>	268°C	ASTM D-92
<b>Viscosity @40°C/100°C</b>	839.5 cSt / 16.61 cSt	ASTM D-445 Kinematic

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## 10. Stability and Reactivity

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<b>Stability</b>	Stable under normal temperature conditions and recommended use.
<b>Conditions to avoid</b>	No known hazardous reaction products.
<b>Hazardous polymerisation</b>	Will not polymerise.
<b>Materials to avoid</b>	Strong oxides.
<b>Hazardous decomp. products</b>	No hazardous decomposition products are emitted at recommended use.

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## 11. Toxicological Information

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<b>Sensitization</b>	No allergic reaction is known.
<b>Genotoxicity</b>	No known heritable or mutagenic effects.
<b>Carcinogenicity</b>	This substance has no evidence of carcinogenic properties.
<b>Reproduction toxicity</b>	No known reproductive effects.
<b>Inhalation</b>	Vapour may irritate respiratory system or lungs.
<b>Ingestion</b>	Nausea, vomiting.
<b>Skin</b>	No specific health warnings noted.
<b>Eyes</b>	May cause temporary eye irritation.
<b>Route of entry</b>	Skin and/or eye contact.

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## 12. Ecological Information

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<b>Ecotoxicity</b>	Not classified as dangerous to the environment.
<b>Mobility</b>	The product is insoluble in water and will spread on the water surface.
<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
<b>Persistence and degradability</b>	The chemical is readily biodegradable.

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## 13. Disposal Considerations

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Containers with minimal residue can be washed out with ordinary soap and hot water. Product is not considered hazardous waste.

Disposal must be according to applicable federal, state, or local safety, waste and environmental regulations.

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## 14. Transportation Information

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Not classified as dangerous goods according to ADR/RID (Road/Rail), IMDG (Sea), IATA/ICAO (Air)

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## 15. Regulatory Information

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### **EU Directives**

67/548/EEC, 1999/45/EC, 2001/58/EC, 2008/58/EC (REACH), 1272/2008/EC (30ATP).

### **Canada (WHMIS)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**CEPA Toxic substances:** None of the components are listed.

**Canadian ARET:** None of the components are listed.

**Canadian NPRI:** None of the components are listed.

**Alberta Designated Substances:** None of the components are listed.

**Ontario Designated Substances:** None of the components are listed.

**Quebec Designated Substances:** None of the components are listed.

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification

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## 16. Other Information

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The information in this data sheet is considered to be correct according to present knowledge and experience, but there is no guarantee that it is complete. It is therefore in the user's interest to ensure that the information is sufficient for the area it is intended for.