

Product: Orontas SynthHYD46

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

1. Identification of Substance/Preparation and of the Company

Product name:	Orontas SynthHYD46	Supplier:	Orontas Inc.
Product use:	Hydraulic Oil		135 Queens Plate Dr.
Issued By:	Orontas Inc.		Suite 600
			Toronto, ON
			M9W 6V7 Canada
			Phone: 416 792 1076
Emergency Telephone:	CANUTEC (613) 996-6666	Manufacturer:	LanoPro Production AS

2. Hazard Identification

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

The product is considered not hazardous according to the EU Dangerous Substances/Preparations Directives classification scheme (67/548/EEG, last amended 1999/45/EG).

3. Composition / Information on Ingredients

The product contains no ingredients subject for classification, or present in quantities necessary to be stated. Composition (preparation) based on vegetable oil-based esters.

4. First-Aid Measures

Inhalation	Not a factor
Eyes	Flush with generous amounts of temperate water for a minimum of 10 minutes. Seek medical help if the problems remain.
Skin Contact	Wash with detergent and water.
Ingestion	Drink water or milk. Do not induce vomiting.

5. Fire Fighting Measures

Extinguishing media	Powder, foam or CO ₂ . Do not use water jet as an extinguisher, as this will spread the fire.
----------------------------	--

6. Accidental Release Measures

Personal protection	None
Environmental protection	Avoid pollution of sewers and water.
Spill cleanup methods	Removal with inert absorbent or sand.

7. Handling and Storage

Usage precautions	Avoid prolonged and repeated contact with skin. Remove soaked clothes.
Storage precautions	Store in closed container, preferably as delivered.

Product: Orontas SynthHYD46

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

8. Exposure Controls/Personal Protection

Process conditions	Provide eyewash station.
Respiratory protection	Not necessary in normal use.
Protective gloves	Impermeable gloves recommended (nitrile rubber).
Eye protection	Safety goggles recommended.
Other Protection	None necessary.

9. Physiological and Chemical properties

Physical state	Oil
Viscosity @40°C	46mm ² /s (cSt)
Color	Yellow
Odour	Faint
Flash point	>200°C
Pour point	-42°C
Density @20°C	920 kg/m ³
Solubility in water	Insoluble

10. Stability and Reactivity

Stability	Stable under normal temperature conditions and recommended use.
Hazardous reactions	None known
Conditions to be avoided	Elevated temperature (>100°C)
Hazardous decomposition products:	In case of thermal degradation hazardous gases may be formed (for example CO, CO ₂).

11. Toxicological Information

Skin irritation (OECD 404)	Not irritating
Eye irritation (OECD 405)	Not irritating
Mutagenicity (OECD 471, Ames test)	Not mutagenic

12. Ecological Information

The product is readily biodegradable according to OECD 301 F (>80 %) and not accumulating according to OECD 305 D.

13. Disposal Considerations

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

The product packaging must be disposed of in the same manner as the contents.

14. Transportation Information

Not classified as dangerous goods.

Product: Orontas SynthHYD46

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

15. Regulatory Information

EU Directives

No labelling required according to EU Regulations.

16. Other Information

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.