

MSDS – Information Cover Sheet

Product Name: GTI-2501 Injection

MSDS Number: N/A

MSDS Issue Date: April 2003

WHMIS Label Colour:

Symbas Group: N/A

Hazardous Disposal (Y/N): N

WHMIS Classifications: N/A

Health Codes: N/A

Material Safety Data Sheet

PRODUCT IDENTIFICATION	
Name: GTI-2501 Injection	
Synonym: N/A	
Catalogue no: N/A	
Appearance: Pale yellow clear liquid essentially free of foreign particles	
Manufacturer: Lorus Therapeutics Inc.	
Address: 2 Meridian Road	
Toronto, Ontario M9W 4Z7	
Phone no: 416-798-1200	

COMPOSITION	
Trade Name	Chemical Name
GTI-2501 Injection	Phosphorotiate Oligonucleotide

MATERIAL HAZARDS (Y/N)	
Flammable	N
Corrosive	N
Toxic	N
Carcinogen	N
Compressed Gas	N
Irritant	N
Oxidizing	N
Biohazard	N
Corrosive	N
Reactive	N

FIRST-AID MEASURES

In case of contact, immediately flush and wash eyes with copious amounts of water for at least 15 minutes

In case of contact, immediately wash skin with soap and copious amounts of water
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Wash contaminated clothing before reuse

FIRE FIGHTING MEASURES

Carbon dioxide, dry chemical powder, or appropriate foam
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ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear chemical safety goggles, rubber boots and chemical safety gloves

Environmental precautions

Ventilate area and wash spill site after material pick up is complete

Cleanup methods

Absorb on sand or vermiculite and place in closed containers for disposal. Wash spill site after material pick up is complete

HANDLING AND STORAGE

Handling

Do not get in eyes, on skin, on clothing
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Storage

Store at -10° C to -40° C

Packaging Materials

Keep it tightly closed

DISPOSAL INFORMATION

Cautiously add to a large stirred excess of water, adjust the pH to neutral, separate any insoluble solids or liquids and package them for hazardous waste disposal. Flush the aqueous solution down the drain with plenty of water. Observe all applicable environmental regulations

TOXICOLOGY INFORMATION	
Oral Toxicity	
	May be harmful by drinking
Skin Irritation	
	May cause skin irritation
Eye Irritation	
	May cause eye irritation
Respiratory Irritation	
	My be harmful by inhalation
Mutagenicity	
	N/A
Acute Toxicity	
	An acute toxicity study in Cynomolgus monkeys demonstrated that intravenous infusion of GTI-2501 for 24 hours at doses up to 80mg/kg was well tolerated. There were no deaths, treatment-related clinical signs, body weight changes, or effects on food consumption.
Chronic Toxicity	
	N/A

OTHER INFORMATION	
A phase I clinical study has been conducted in the USA. This study demonstrated that GTI-2501 was well tolerated with no apparent toxic effects.	