



Titan 722

Revision Date: January 12, 2026

SAFETY DATA SHEET

Manufactured for:

Microfusion International Inc.
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Section 1 Chemical Product and Company Information

Product Identification: Titan 722 – Synthetic Industrial Gear Oil (GL-3/4)
Supplier Identification: See “Manufactured by”
Validation date: February 11, 2021
Product Uses: Lubricating oil
WHMIS Product Classification (Canada) : Not classified
OSHA/HCS product Classification: Not hazardous

Section 2 Composition / Information on Ingredients

Ingredient	% weight	CAS number	LD ₅₀ /LC ₅₀	Exposure
Group II* Mineral Oils	30 – 60	8012-95-1		
Synthetic Hydrocarbon	40 – 70	68037-01-4		

Section 3 Hazard Identification

Emergency Overview: Not hazardous with proper use and handling
Potential Health Effects:
Eyes Slightly irritating to the eyes
Skin Slightly irritating to the skin
Inhalation May cause irritation to respiratory tract
Ingestion No known significant effects or critical hazards
Acute Health Effects: Can be slightly irritating to the eyes and respiratory tract
Chronic Health Effects: Repeated or prolonged contact could result in an eye or skin irritation, or a dermatitis

Section 4 First Aid Measures

Routes of Entry:

Skin Contact: If discomfort occurs, wash skin with soap and water. Remove contaminated clothing and launder prior to reusing. Seek medical attention if an irritation develops

Eye Contact: Rinse eyes immediately with running water for minimum 15 minutes. Seek medical attention if an irritation develops

Inhalation: If symptoms occur, remove to fresh air. Provide oxygen or artificial respiration should there be difficulty or lack respiration. Seek medical attention if an irritation develops

Ingestion: Do not induce vomiting unless specified by medical personnel. Rinse mouth with water. Seek medical attention if there is a discomfort or irritation

Protection of First-Aiders: None

Notes to Physician: Treat symptomatically

Section 5 Fire-Fighting Measures

Flammability of product: Stable at ambient temperatures and pressure

Flash point (°C): 207 – 240

Auto-ignition Temp. (°C): Not available

Extinguishing media: Carbon dioxide gas, dry chemical powder, foam

Special firefighting procedures: Solid streams of water are likely to spread fire. Only use water fog to cool outside of containers

Unusual Fire and Explosion Hazards: Stable at ambient temperatures and pressure

Explosion Data: This product is not susceptible to static discharge or mechanical impact

Section 6 Accidental Release Measures

Spill Procedures: Stop the leak if possible, without presenting a personal risk. Assure proper adequate ventilation. Evacuate the affected area and surroundings. Sweep / pump the product, ensuring to contain the accidental spill or leak. Apply absorbent materials on the residual. Dispose of the product in accordance with the local, provincial (state) and federal laws and regulations. Never dispose the product in a system that ends in public sewers.

Personal Precautions: Never take any action that could implement a personal risk. Wear an appropriate respiratory device, and appropriate personal protective gear (see section 8)

Section 7 Handling and Storage

Handling Temperature: Not applicable

Handling Procedures: Keep the product (or empty containers) away from high temperatures and possible sources of ignition. Do not breathe the gas/vapour/aerosol/smoke of this product. Keep away from incompatible products (see section 10)

Storage Temperature: Not applicable

Storage Procedures: Store the container in a well ventilated area, and the container well sealed. Store product away from incompatible products (see section 10)

Section 8 Exposure Controls, Personal Protection, and Exposure Limits	
Engineering Controls:	No special equipment required, only a general ventilation system to control the workers' exposure to the oil molecules suspended in the air
Personal Protection:	Wear safety glasses, long sleeves and pants, protective gloves and safety boots
Hygiene Measures:	Wash hands prior to eating, smoking, using the toilet, or before leaving the premises. Do not touch eyes after handling the product
Exposure Limits:	5 mg/m ³ Oil Mist Particulate

Section 9 Physical and Chemical Properties	
Physical State:	Liquid
Appearance:	Clear tinted fluid
Colour:	Clear red
Odour:	Petroleum type odour
Freezing/Melting Point:	Not available
Boiling/Condensation Point:	Not applicable
Vapour Pressure:	Not applicable
Volatility:	Not available
Specific Gravity (g/ml):	0.86-0.89
Vapour Density:	Not available
Solubility in water:	Not soluble
Volatile Fraction (V%):	0
Evaporation Rate:	Not available
Viscosity:	Standard ISO and SAE grades
pH:	Not applicable

Section 10 Stability and Reactivity	
Conditions for Chemical Stability:	Keep product away from incompatible materials
Conditions for Thermal Stability:	Keep product away from open flames
Hazardous Polymerization:	Will not occur
Product Incompatibility:	Avoid all strong oxidizers, acids, bases
Hazardous decomposition products:	Carbon oxides (COx), Sulfur oxides (SOx), Nitrous oxids (NOx), smoke and irritating vapours
Corrosivity:	None

Section 11 Toxicological Information

Irritancy:	May be irritating to eyes, skin or respiratory tract
Reproductive toxicity:	Not available
Carcinogenicity:	Not available
Mutagenicity:	Not available
Teratogenicity:	Not available
Effects of Acute Exposure:	Not available
Effects of Chronic exposure:	Not available

Section 12 Ecological Information

ENVIRONMENTAL FATE

Atmosphere:	Not available
Water:	Not available
Soil:	Not available
Bioaccumulation Properties:	Not available
Products of Biodegradation:	Not available

Section 13 Disposal Considerations

Treatment:	Dispose the surplus and non recyclable products by use of a specialized authorized company, in accordance with the regional, national and local applicable laws and regulations
Recycling Options:	If possible, reuse the empty containers after rinsing them well, or use them with the same or similar products. Can be incinerated if permitted by local regulations

Section 14 Transport Information

In case of emergency:	CANUTEC: 613-996-6666 Poison Control Centre: Consult local telephone directory for emergency numbers(s)
Special Provisions:	
TMD Classification:	Not classified
DOT classification:	Not classified
IATA Classification :	Not hazardous
Special Shipping Instructions:	None

Section 15 Regulatory Information

WHMIS Classification:	Not controlled
CPR Compliance:	This product has been classified in accordance with the hazard criteria of the <i>Controlled Products Regulations</i> and the MSDS contains all the information required by the <i>Controlled Products Regulations</i> .
CEPA Status (DSL):	This product or all of its components are currently listed on the Domestic substances List (DSL), as described under the Canadian Environmental Protection Act (CEPA)
TSCA Inventory Status:	This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances
Conformity to other Regions	Available upon request

Section 16 Other Information

Hazardous Material Information System (USA):	Health	1
	Flammability	1
	Physical Hazards	0
	Personal Protection	
Precautionary Labels:	None	
List of References:	Available upon request	
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