

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	CERTOP 220 FG
Manufacturer's Product Code	4599
Other Names	Heavy-duty food grade gear oil with ISO220/SAE90 viscosity.
Major Recommended Uses	Gear oil for use in gearboxes requiring oil of ISO220/SAE90 viscosity grade. Suitable for use in food-processing equipment.
Supplier's Details	Lubemaster 7 Ralph Street, Alexandria Sydney NSW 2015 Telephone Number (Office Hours): (02) 9669 0261 Fax Number: (02) 9693 1562 Emergency Telephone Number: (02) 9214 0755
Date of Issue	Feb 2010

SECTION 2 – HAZARDS IDENTIFICATION

Hazard Classification	NOT classified as hazardous according to the criteria of NOHSC.
Dangerous Goods Class & Sub-risk	None allocated.
Poisons Schedule	None allocated.
Risk Phrases	None applicable.
Safety Phrases	None applicable.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients			
Chemical Entity	CAS No	Proportion	Synonyms
INGREDIENTS DETERMINED NOT TO BE HAZARDOUS'		to 100%	

SECTION 4 – FIRST AID MEASURES

Skin	Wash affected areas with soap and running water. Seek medical attention if irritation develops.
Eye	Rinse the eyes with water for several minutes, including under the eyelids. Seek medical attention if irritation develops.
Inhalation	Not normally a hazard. If the person exposed to oil mist or vapour has fatigue or nausea, move them from the area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion	If swallowed do not induce vomiting. Give 3-4 glasses of water. If vomiting occurs, give fluids again. Seek medical attention if discomfort occurs.
First Aid Facilities	General eye wash station.
Advice to Doctor	Treat the patient symptomatically
Additional Information	There are no known medical conditions aggravated by exposure. There are no known target organs. On rare occasions, prolonged and repeated exposure to oil mist may pose a risk of chronic lung inflammation.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media	In the event of a fire, foam, dry chemical and CO ₂ are the recommended extinguishing agents.
Special Protective Equipment and Precautions for Fire Fighters	Fire fighters should wear self-contained breathing apparatus and full protective gear.
Fire/Explosive Hazards	Product may produce a floating fire hazard as liquid floats on water. Whilst effective, the use of water spray/fog may cause frothing and foaming. Do not use water jet as this will spread the fire.
Hazchem Code	None allocated.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills may be slippery.	
Methods and Materials for Containment and Clean Up	Wear appropriate protective clothing (See Section 8). For large spills, dike and contain the spill and pump into properly labelled containers for disposal. For smaller spills, absorb with an inert absorbent material and dispose of waste in a closed, labelled container in accordance with local, state and Commonwealth laws. Prevent product from contaminating soil and waterways and from entering sewerage and drainage systems. Flush area with water.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling	Observe precautions stated on product label, and follow industry safety regulations. Smoking, eating and drinking should be prohibited in work areas where hydrocarbons are present. Always wash hands before eating after contact with product. Keep away from open flames, hot surfaces and sources of ignition.
Conditions for Safe Storage	Store product in its tightly closed original container in a cool, dry, wellventilated area away from heat sources.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards	Oil mist – TLV TWA 5mg/m ³ .
Engineering Controls	General ventilation is normally adequate, although local exhaust ventilation is strongly recommended if vapour exposure exceeds Exposure Standards. Wear protective equipment when needed.
Personal Protective Equipment	
Eye/Face Protection	Avoid contact. Safety glasses with side shields should be worn if eye contact is likely. If splashing of material is likely, a face shield should be worn.
Skin Protection	Wear appropriate chemical resistant gloves – e.g. nitrile, neoprene, PVC.
Respiratory Protection	In cases where exposure to mists or spray is likely, or in the absence of adequate ventilation, a respirator with organic vapour filter cartridge or combined particle and organic vapour filter (Type A2/P2) is recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, light, semi-viscous liquid.
pH	Not applicable.
Vapour Pressure	<1 Pa
Solubility in Water (g/L)	Insoluble. Soluble in polar organic solvents.
Specific Gravity	0.85
Flashpoint	>200°C
Flashpoint Method	Cleveland Open Cup
Flammability Limits (%)	Not applicable.
% Volatile by volume	Low at 21°C

SECTION 10 – STABILITY AND REACTIVITY

Stability	Stable at ambient temperatures and pressures.
Hazardous Polymerisation	Will not occur.
Conditions/Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	Oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

Health Effects:	
Acute - Swallowed	Very low toxicity when swallowed. Large amounts may cause laxative effects.
Acute - Eye	Direct contact with the eyes may cause irritation, as occurs when any foreign bodies contact eye.
Acute - Skin	No skin irritation or adverse health effects expected.
Acute - Inhaled	Oil mist may cause respiratory irritation with coughing and sneezing.
Chronic	Prolonged and repeated exposure to oil mist poses a risk of chronic lung inflammation.
Target Organs	None known.

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Product Contains Chemicals Listed as Carcinogens by	International Agency for the Research of Cancer (IARC): NO Other: NO
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SECTION 12 – ECOLOGICAL INFORMATION

No specific toxicology data on this product is available. When used as indicated, no adverse environmental effects are foreseen. Very low aquatic toxicity	
Persistence/Degradability	Not readily degradable; potential for degradation by bacteria over an extended period of time.
Mobility	Non-volatile – product does not evaporate from surface soil or water. It is insoluble in water.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of waste in a closed, labelled container in accordance with local, state and Commonwealth laws.

SECTION 14 – TRANSPORT INFORMATION

UN Number	None allocated.
UN Proper Shipping Name	
Transport Hazard Class	Non allocated.
Packaging Group	Non allocated.
Hazchem Code	Non allocated.

SECTION 15 - REGULATORY INFORMATION

Poisons Schedule: None allocated.

SECTION 16 – OTHER INFORMATION

2nd copy of MSDS. Logo added 3/12/04.

Since the user's working conditions are not known by the supplier, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified in Section 1 without first obtaining written handling instructions. NCH AUSTRALIA PTY LTD assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such non-recommended use, storage or disposal of the product.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

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