

# FOODGUARD Chain Oil 220 SAFETY DATA SHEET



SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING	
<b>Product Identifier</b>	
Product Name	Guardian FOODGUARD Chain Oil 220
Synonyms	Guardian Food Grade Lubricants
Other means of identification	Not Available
<b>Relevant identified uses of the substance or mixture and uses advised against</b>	
Relevant identified uses	Lubricants used in the food industry
<b>Details of the supplier of the safety data sheet</b>	
Registered company name	Guardian Food Grade Oils Pty Ltd
Address	42 Kimberly Road Dandenong South Vic Australia 3175
Telephone	Within Australia 03 9213 4777 International +613 92134777
Website	<a href="http://www.fgoils.com.au">www.fgoils.com.au</a>
Email	<a href="mailto:info@fgoils.com.au">info@fgoils.com.au</a>
<b>Emergency Telephone number</b>	
Association / Organisation	Not Available
Emergency Telephone Numbers	Within Australia 03 9213 4777 International +613 9213 4777 13126 24 Hours Emergency Contact
Other emergency numbers	Not Available

SECTION 2 HAZARDOUS IDENTIFICATION	
Not classified as hazardous under the Globally Harmonised System (GHS).	
Poisons Schedule	Not Applicable
Classification	Not Applicable
GHS label elements	This product has no label elements
SIGNAL WORD	<b>NOT APPLICABLE</b>
Hazard Statement(s)	Non-Hazardous
Precautionary statements(s) Prevention	Not Applicable
Precautionary statements(s) Response	<b>P301 + P310</b> IF SWALLOWED: Immediately call a POISON CENTRE or Doctor / Physician <b>P331</b> Do NOT induce vomiting
Precautionary statements(s) Storage	Not Applicable
Precautionary statements(s) Disposal	<b>P501</b> Dispose of contents/container in accordance with local / regional / national / international regulations

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS		
<b>Substances</b>		
See section below for composition of Mixtures		
<b>Mixtures</b>		
<b>CAS No.</b>	<b>% (Weight)</b>	<b>Name</b>
Not Available	100	Ingredients determined to be non hazardous

SECTION 4 FIRST AID MEASURES	
<b>Description of first aid measures</b>	
<b>Eye Contact</b>	If this product comes in contact with eyes: <ul style="list-style-type: none"> <li>Flush thoroughly with water. If irritation occurs, get medical assistance.</li> <li>Wash out immediately with water.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
<b>Skin Contact</b>	If skin or hair contact occurs: <ul style="list-style-type: none"> <li>Flush skin and hair with running water (and soap if available).</li> </ul>

# FOODGUARD Chain Oil 220

## SAFETY DATA SHEET



<b>Inhalation</b>	<ul style="list-style-type: none"> <li>• Seek medical attention in event of irritation.</li> <li>• Remove from further exposure.</li> <li>• For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection.</li> <li>• If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.</li> <li>• If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.</li> </ul>
<b>Ingestion</b>	<ul style="list-style-type: none"> <li>• <b>If swallowed do NOT induce vomiting.</b></li> <li>• If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>• Observe the patient carefully.</li> <li>• Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>• Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>• Seek medical advice.</li> </ul>
<b>Indication of any immediate medical attention and special treatment needed</b>	
Treat symptomatically.	

SECTION 5 FIREFIGHTING MEASURES	
<b>Extinguishing media</b>	
<ul style="list-style-type: none"> <li>• Foam</li> <li>• Dry Chemical Powder</li> <li>• Carbon Dioxide</li> </ul>	
<b>Special Hazards arising from the substance or mixture</b>	
<b>Fire Incompatibility</b>	<ul style="list-style-type: none"> <li>• Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result</li> </ul>
<b>Advice to firefighters</b>	
<b>Fire fighting</b>	<ul style="list-style-type: none"> <li>• Evacuate area.</li> <li>• Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.</li> <li>• Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).</li> <li>• Use water spray to cool fire exposed surfaces and to protect personnel.</li> </ul>
<b>Fire/Exposure Hazard</b>	<ul style="list-style-type: none"> <li>• Combustible - AS1940 Combustible class: C2</li> <li>• Slight fire hazard when exposed to heat or flame.</li> <li>• Heating may cause expansion or decomposition leading to violent rupture of containers.</li> <li>• On combustion, may emit toxic fumes of carbon monoxide (CO).</li> </ul>
<b>HAZCHEM</b>	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES	
<b>Personal precautions, protective equipment and emergency procedures</b>	
See section 8	
<b>Environmental precautions</b>	
See section 12	
Methods and material for containment and cleaning up	
<b>Minor Spills</b>	Slippery when spilt. <ul style="list-style-type: none"> <li>• Clean up all spills immediately.</li> <li>• Avoid contact with skin and eyes.</li> <li>• Wear impervious gloves and safety glasses.</li> <li>• Place spilled material in a clean, dry, sealable, labelled container.</li> </ul>
<b>Major Spills</b>	Slippery when spilt. <ul style="list-style-type: none"> <li>• Clear area of personnel and move upwind.</li> <li>• Alert Fire Brigade and tell them location and nature of hazard.</li> <li>• Control personal contact with the substance, by using protective equipment.</li> </ul>

# FOODGUARD Chain Oil 220 SAFETY DATA SHEET



	<ul style="list-style-type: none"> <li>• Prevent spillage from entering drains, sewers or watercourses.</li> </ul>
<b>Personal Protective Equipment advice is contained in Section 8 of the SDS.</b>	




SECTION 7 HANDLING AND STORAGE	
Precautions for safe handling	
<b>Safe Handling</b>	<ul style="list-style-type: none"> <li>• Limit all unnecessary personal contact.</li> <li>• Wear protective clothing when risk of exposure occurs.</li> <li>• Use in a well-ventilated area.</li> <li>• <b>When handling DO NOT eat, drink or smoke.</b></li> </ul>
<b>Other information</b>	<ul style="list-style-type: none"> <li>• Store in original containers.</li> <li>• Keep containers securely sealed.</li> <li>• No smoking, naked lights or ignition sources.</li> <li>• Store in a cool, dry, well-ventilated area.</li> </ul>
Conditions for safe storage, including any incompatibilities	
<b>Suitable container</b>	<ul style="list-style-type: none"> <li>• Polyethylene or polypropylene container.</li> <li>• Packing as recommended by manufacturer.</li> <li>• Check all containers are clearly labelled and free from leaks.</li> </ul>
<b>Storage incompatibility</b>	<ul style="list-style-type: none"> <li>• Avoid storage with oxidisers</li> </ul>

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION	
Control Parameters	
OCCUPATIONAL EXPOSURE LIMITS (OEL)	
INGREDIENT DATA	
Not Available (PAO's) – No occupational exposure limits known	
Exposure Controls	
<b>Appropriate engineering controls</b>	<p>General exhaust is adequate under normal operating conditions. Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.</p> <p>The basic types of engineering controls are:</p> <ul style="list-style-type: none"> <li>• Process controls which involve changing the way a job activity or process is done to reduce the risk.</li> <li>• Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.</li> </ul>
<b>Respiratory protection</b>	<ul style="list-style-type: none"> <li>• If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate.</li> <li>• Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable.</li> <li>• Types of respirators to be considered for this material include:               <ul style="list-style-type: none"> <li>• Particulate</li> <li>• No special requirements under ordinary conditions of use and with adequate ventilation.</li> </ul> </li> <li>• For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.</li> </ul>
<b>Personal protection</b>	<p>Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation.</p> <p>Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.</p>

# FOODGUARD Chain Oil 220

## SAFETY DATA SHEET



	  
<b>Eye and face protection</b>	<ul style="list-style-type: none"> <li>• Safety glasses with side shields; or as required</li> <li>• Chemical goggles.</li> <li>• Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience.</li> </ul>
<b>Skin protection</b>	See Hand protection below.
<b>Hands/feet protection</b>	Wear general protective gloves, eg. light weight rubber gloves.
<b>Body protection</b>	See Other protection below.
<b>Other protection</b>	No special equipment needed when handling small quantities. <b>OTHERWISE:</b> <ul style="list-style-type: none"> <li>• Overalls</li> <li>• Barrier cream</li> <li>• Eyewash unit</li> </ul>
<b>Thermal hazards</b>	Not Available

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties.

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

<b>Appearance</b>	Colourless		
<b>Physical state</b>	Oil	<b>Relative density (Water = 1)</b>	0.87
<b>Odour</b>	Odourless	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Applicable	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	Not Applicable	<b>Decomposition temperature</b>	Not Available
<b>Freezing point (°C)</b>		<b>Viscosity (cSt)</b>	Not Available
<b>Initial boiling point and boiling range (°C)</b>	Not Available	<b>Molecular weight (g/mol)</b>	Not Applicable
<b>Flash Point (°C)</b>	>200	<b>Taste</b>	Not Available
<b>Evaporation rate</b>	Not Available	<b>Explosive properties</b>	Not Available
<b>Auto Flammability</b>	>200	<b>Oxidising properties</b>	Not Available
<b>Upper exposure limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower exposure limit (%)</b>	Not Available	<b>Volatile Component (% Vol)</b>	Not Available
<b>Vapour pressure (kPa)</b>	Negligible	<b>Gas group</b>	Not Available
<b>Solubility in water (g/L)</b>	Insoluble	<b>pH as a solution (1%)</b>	Not Available
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Available

### SECTION 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	See Section 7
<b>Chemical Stability</b>	<ul style="list-style-type: none"> <li>• Unstable in the presence of incompatible materials.</li> <li>• Product is considered stable.</li> </ul>
<b>Possibility of hazardous reactions</b>	See section 7
<b>Conditions to avoid</b>	Excessive heat. High energy sources of ignition. Additionally see section 7
<b>Incompatible materials</b>	Strong oxidisers. Additionally see section 7
<b>Hazardous decomposition</b>	See section 5

# FOODGUARD Chain Oil 220 SAFETY DATA SHEET



<b>products</b>	
-----------------	--

SECTION 11 TOXICOLOGICAL INFORMATION			
Information on toxicological effects			
<b>Inhaled</b>	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product.		
<b>Ingestion</b>	Ingestion is unlikely to have any toxic effects, but the product may act as an intestinal lubricant and result in diarrhea and frequent loose stools. If vomiting occurs aspiration may cause delayed pulmonary edema and chemical pneumonia.		
<b>Skin Contact</b>	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.		
<b>Eye</b>	Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).		
<b>Chronic</b>	Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.		
	TOXICITY	IRRITATION	
	Not Available	Not Available	
<b>Acute Toxicity</b>	Data Not Available to make classification	<b>Carcinogenicity</b>	Data Not Available to make classification
<b>Skin Irritation / Corrosion</b>	Data Not Available to make classification	<b>Reproductivity</b>	Data Not Available to make classification
<b>Serious Eye Damage / Irritation</b>	Data Not Available to make classification	<b>STOT – Single exposure</b>	Data Not Available to make classification
<b>Respiratory or Skin sensitivity</b>	Data Not Available to make classification	<b>STOT – Repeated Exposure</b>	Data Not Available to make classification
<b>Mutagenicity</b>	Data Not Available to make classification	<b>Aspiration Hazard</b>	Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION					
Toxicity					
Ingredient	Endpoint	Test Duration (hr)	Species	Value	Source
Not Available	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
<b>DO NOT discharge into sewer or waterways</b>					
Persistence and degradability					
Ingredient	Persistence: Water/Soil		Persistence: Air		
	No data available for all ingredients		No data available for all ingredients		
Bioaccumulative potential					
Ingredient	Bioaccumulation				
	No data available for all ingredients				
Mobility in soil					
Ingredient	Mobility				
Base oil component	Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.				

SECTION 13 DISPOSAL CONSIDERATIONS
Waste Treatment methods
Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

# FOODGUARD Chain Oil 220 SAFETY DATA SHEET



<b>Product / Packaging disposal</b>	<ul style="list-style-type: none"> <li>• Recycle wherever possible or consult manufacturer for recycling options.</li> <li>• Consult State Land Waste Management Authority for disposal.</li> <li>• Bury residue in an authorized landfill.</li> <li>• Recycle containers if possible, or dispose of in an authorized landfill.</li> </ul>
-------------------------------------	--

SECTION 14 TRANSPORT INFORMATION	
<b>Labels required</b>	
<b>Marine Pollutant</b>	NO
<b>HAZCHEM</b>	Not Applicable
<p><b>Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS</b>  <b>Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS</b>  <b>Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS</b>  <b>Transport in bulk according to Annex II of MARPOL and the IBC code</b>                      Not Applicable</p>	

SECTION 15 REGULATORY INFORMATION	
<b>Safety, health and environment regulations / legislation specific for the substance or mixture</b>	
<p>This material is not considered hazardous according to Australia Model Work Health and Safety Regulations. Product is not regulated according to Australian Dangerous Goods Code.</p> <p>AS1940 COMBUSTIBLE CLASS: C2</p>	
<b>National inventory</b>	<b>Status</b>
<b>Australia - AICS</b>	Listed
<b>Canada - DSL</b>	Not Determined
<b>China - IECSC</b>	Not Determined
<b>Europe – EINEC / ELINCS / NLP</b>	Not Determined
<b>New Zealand - NZIoC</b>	Not Determined
<b>USA - TSCA</b>	Not Determined

SECTION 16 OTHER INFORMATION	
<b>Date of Issue</b>	Monday, 25 September 2017
<b>Abbreviations</b>	ADG = Australian Dangerous Goods GHS = Globally Harmonised System of Classification and Labelling of chemicals IATA = International Air Transport Association IBC = Intermediate Bulk container IMDG = International Maritime Dangerous Goods STEL = Short term exposure limit TWA = time weighted average
<b>Other Information</b>	
<p>The information contained in this SDS is as accurate as we can ascertain at this time. However, as the information is gleaned from a number of third party sources, Guardian Food Grade Oils Pty Ltd can make no warranty, guarantee or statement as to the reliability or completeness of the information. Guardian Food Grade Oils Pty Ltd will not accept liability of any damages whatsoever arising from the reliance of this information. It is the responsibility of the person handling the product to satisfy themselves as to the suitability and completeness of such information for their own use. You can contact Guardian Food Grade Oils Pty Ltd to ensure that this document is the most current available.</p>	