

Material Safety Data Sheet

SECTION I - IDENTIFICATION AND COMPANY DETAILS

Product name: Chain Guard 220®
Product Code: CG-220

Company Name: Chain Guard™ Industrial Lubricants
Company Address: 21 Amber Street, # 9
Markham, Ontario
L3R 4Z3 Canada

Telephone Number: 1.905.752.LUBE (5823)
Fax Number: 1.905.475.3286

Emergency Number: 613.996.6666 (CANUTEC)
Date Prepared: 24 January 2011
Date Revised: 24 January 2011



Health Hazard	1
Fire Hazard	1
Reactivity	0



SECTION II - HAZARDS IDENTITY INFORMATION

OSHA Regulatory Status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Principal Routes of Exposure: Oral, Skin and Eye contact

Acute Toxicity: May cause mild skin & eye irritations

Chronic Toxicity: Non known

Aggravated Medical Conditions: Non known

Chemical Interactions: Non known

Environmental Hazards: Non known

SECTION III – COMPOSITION INFORMATION

Chemical Family: Synthetic Mixed Esters

Physical Appearance: Yellow-Amber in colour

Physical State: Clear Liquid

Odour: Mild

SECTION IV – FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with copious amounts of water for at least 15 minutes and seek medical attention.

Skin Contact: Remove contaminated clothing and shoes. Immediately flush skin with copious amounts of cold water for at least 10 minutes, and then wash with soap and water. Seek medical attention in case of skin irritation or allergic reactions.

Ingestion: Wash out mouth with cold water provided person is conscious. Seek medical attention. Do not induce vomiting unless directed by a physician.

Inhalation: In the event the product is inhaled, remove person or oneself to fresh air and consult a physician.

First Aid Protection: Ensure medical or first aid personnel are aware of the material that is involved so as to take precautions in protecting themselves from harm.

ALWAYS SEEK MEDICAL ATTENTION IF ANY IRRITATION OR ALLERGIC REACTIONS DEVELOP

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SECTION V – FIREFIGHTING MEASURES

Product Flash Point: > 325°C (617°F)
Suitable Extinguishing Media: Dry chemical, Foam, CO₂, or Water fog.
Firefighting Procedures: Containers can build up pressure when exposed to heat or fire. If a fire involving large amounts of material should develop it should not be approached due to the risk of rupture by individual containers causing a “fireball” effect.
Firefighters should wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing gear to prevent contact with skin and eyes. Use water spray to cool nearby containers and structures exposed to fire.

SECTION VI – ACCIDENTAL RELEASE MEASURES

*****TAKE CARE FLOOR SURFACE WILL BE SLIPPERY AT SITE OF SPILLAGE*****

Personal Precautions: Evacuate personnel to safe areas. Wear chemical safety goggles, splash suit, rubber boots and gloves.
Containment Procedure: Adsorb onto adsorbent paper. In case of large volumes, use sand or other inert material such as sand or earth. Prevent spillage from entering drains. Do not touch spilled material.
Clean-up Methods: Place in a bag/other appropriate non-hazardous container and hold away from ignition sources/heat for waste disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Ventilate area and wash spill site with water after material pickup is complete.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Waste Disposal Method: Dispose of in accordance with national and local regulations for inert non-hazardous waste material. Disposable clothing should be discarded with material.
Handling Precautions: Handle according to good industrial safety practice and hygiene.
Storage Precautions: Store tightly closed containers with product in a cool, dry, and well ventilated area.
Other Precautions: N/A

SECTION VIII – PERSONAL PROTECTION & EXPOSURE CONTROLS

Personal Protective Equipment

Respiratory System: No special protective equipment required under normal conditions
Skin and Body Protection: Appropriate clothing is required
Hand Protection: Protective gloves
Eyes and Face Protection: Safety glasses or goggles with protective side shields; Face shield
Other Special Protection: None required

Exposure Limits:	Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
	POE & Additives	None	None	None

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES OF PRODUCT

Boiling Point	N/A	Evaporation Rate	N/D
Vapour Pressure	N/D	Lbs/Gallon (Water = 8.3)	8.1 lbs/gallon @ 25°C
Vapour Density (Air = 1)	N/D	Density @ 25°C (Water = 1)	0.97g/cm ³
Freezing Point	N/D	Alkalinity	N/D
Melting Point	< -30°C	pH	N/D
Physical State	Clear Liquid	VOC	N/D
Odour	Mild	Solubility in Water (20°C)	Insoluble
Colour	Yellow-Amber	Solubility in OS	N/D
Odour Threshold	N/A	Viscosity	220 cSt @ 40°C

SECTION X – REACTIVITY DATA

Stability:	Stable under normal temperatures and storage conditions
Conditions to Avoid:	None known
Hazardous Decomposition:	None under normal usage
Hazardous Reactions:	None known under normal usage
Hazardous Polymerization:	Hazardous polymerization does not occur

SECTION XI – TOXICOLOGICAL INFORMATION

Acute Toxicity:	Product is non-toxic. The product is safe when used for its intended purpose based on its formulation, testing results, and long history of safe consumer use.
Carcinogenicity:	No known effect

SECTION XII – ECOLOGICAL INFORMATION

*****THIS PRODUCT IS NOT EXPECTED TO PRESENT ADVERSE EFFECTS TO THE ENVIRONMENT*****

SECTION XIII – DISPOSAL CONSIDERATIONS

Disposal Method:	This material is not regarded as hazardous waste. Dispose of in accordance with national and local regulations for inert non-hazardous waste material.
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SECTION XIV – TRANSPORTATION INFORMATION

Transportation Regulations:	Shipping Name:	Fatty Acid Ester
	Hazard Class:	Non-Regulated
	Label(s):	None
	UN/NA Number:	None
	Placards:	None

International Transportation Regulations:

RID, European Railroad Hazard Class	N/A
IATA, International Air Transportation	N/A
IMDG, International Maritime Dangerous Goods:	N/A

*****NON HAZARDOUS MATERIAL FOR ROAD, SEA OR AIRFREIGHT*****

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SECTION XV – REGULATORY INFORMATION

*****THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR*****

TSCA Inventory Status: All components of this product are listed on the TSCA inventory.
SARA 313: This product does not contain any chemicals that are subject to the reporting of the Act and Title 40 of the Code of Federal Regulations, Part 372 (Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1985 - SARA).
SARA 311/312: No hazardous categories.
SARA 302: None found.
CERCLA Hazardous Substance: Not a listed EHS.
CERCLA Reportable Quantity: No listed reported quantity.
California Proposition 65: This product does not contain any chemical substances flagged by Proposition 65.

International Inventories:

DSL	Listed	EC Safety Phrases	N/A
WHMIS Hazard Class	Not Controlled	EC Risk Phrases	N/A
WHMIS Trade Secret	None	ECL	Listed
SCHDLE B/HTSUS	N/A	MITI	N/A
ECCN	N/A	AICS	Listed
EINECS	Listed	PICCS	Listed
EC Required Symbol(s)	None Required	CCIS	Listed

SECTION VI – OTHER INFORMATION

References: Not Available
Other Special Considerations: None
NSF Registration: H2 (FDA regulations 21 CFR 178.3570)
Transport Symbol: Not required



Nonfood Compounds
Program Listed H2
(Registration # 139559)

Disclaimer: To the best of our knowledge the information contained herein is accurate. However, neither the named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

*****END OF DOCUMENT*****

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