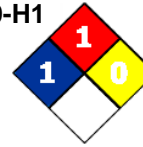


# Material Safety Data Sheet

## SECTION I - IDENTIFICATION AND COMPANY DETAILS

**Product name:** Chain Guard™ Food Safe Graphite 220-H1  
**Product Code:** CG-FSG-220-H1



Health Hazard	1
Fire Hazard	1
Reactivity	0

**Company Name:** Chain Guard™ Industrial Lubricants  
**Company Address:** 21 Amber Street, # 9

Markham, Ontario  
L3R 4Z3 Canada  
905 752 LUBE (5823)  
905.475.3286



**Telephone Number:** 905 752 LUBE (5823)  
**Fax Number:** 905.475.3286  
**Emergency Number:** 613.996.6666 (CANUTEC)  
**Date Prepared:** 2 February 2011  
**Date Revised:** 2 February 2011



## SECTION II – COMPOSITION INFORMATION

**Chemical Name:** Synthetic Esters & Additives  
**Physical Appearance:** White in colour  
**Physical State:** Liquid  
**Odour:** Mild

## SECTION III - 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 and Dermal - Skin and Eye

**Effects from Acute Exposure:**

- Ingestion: No known significant effects and hazards
- Inhalation: No known significant effects and hazards
- Skin Contact: No known significant effects and hazards
- Eye Contact: No known significant effects and hazards

**Aggravated Medical Conditions:** None known  
**Chronic Effects:** None known  
**Chemical Interactions:** None known  
**Environmental Hazard:** No information available

## SECTION IV – FIRST AID MEASURES

**Ingestion:** If swallowed, observe victim for 24 hours; seek medical attention if needed. If vomiting occurs, keep head lower than hips to prevent aspiration.

**Inhalation:** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Skin Contact:** For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

MSDS - Chain Guard™ Food Safe Graphite 220 (CG-FSG-220-H1)

# Material Safety Data Sheet

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## SECTION IV – FIRST AID MEASURES (Continued)

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**Notes to First Aiders:** Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves

**\*\*\*ALWAYS SEEK MEDICAL ATTENTION IF ANY IRRITATION OR ALLERGIC REACTIONS DEVELOP\*\*\***

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## SECTION V – FIREFIGHTING MEASURES

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**Product Flash Point:** 270°C – 280°C (518°F – 536°F)  
**Suitable Extinguishing Media:** Dry chemical, Foam, CO<sub>2</sub>, or Water fog.  
**Mechanical Impact Sensitivity:** None known  
**Static Discharge Sensitivity:** Sensitivity to static discharge is not expected  
**Firefighting Procedures:** 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.

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## SECTION VI – ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions:** Evacuate personnel to safe areas. Use personal protective equipment.  
**Methods for Containment:** Dike for disposal and cover with wet sand or earth.  
**Clean-up Methods:** Prevent product from entering drains. Use a non-combustible material like vermiculite, sand or earth to soak up product and place in a container for later disposal.

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## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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**Precautions for Handling & Storage:** Keep container closed when not in use. Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material.

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## SECTION VIII – PERSONAL PROTECTION & EXPOSURE CONTROLS

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**Engineering Controls:** None required under normal conditions.

**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

**Ventilation:** No out of the ordinary ventilation required.

MSDS - Chain Guard™ Food Safe Graphite 220 (CG-FSG-220-H1)

# Material Safety Data Sheet

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## SECTION VIII – PERSONAL PROTECTION & EXPOSURE CONTROLS (Continued)

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### Exposure Limits:

Chemical Name	CAS	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-STEL	Units
Esters & Additives	Proprietary	None	None	None	None	ppm

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## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES OF PRODUCT

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<b>Appearance</b>	White	<b>Odour</b>	Mild
<b>Physical State</b>	Liquid	<b>Weight per Gallon</b>	7.84 lbs/gallon @ 25°C
<b>Specific Gravity</b>	1.00	<b>Density @ 25°C (Water = 1)</b>	N/A
<b>Viscosity</b>	225 cSt @ 40°C	<b>Flash Point</b>	275°C (527°F)

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## SECTION X – REACTIVITY DATA

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<b>Stability:</b>	Stable under normal temperatures and storage conditions
<b>Conditions to Avoid:</b>	None known
<b>Incompatible Products:</b>	Incompatible with oxidizing agents
<b>Hazardous Decomposition:</b>	None known under normal usage
<b>Hazardous Reactions:</b>	None known under normal usage
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur

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## SECTION XI – TOXICOLOGICAL INFORMATION

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<b>Acute Toxicity:</b>	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.
<b>Carcinogenicity:</b>	No known effect/ No information available for mutagenicity and carcinogenicity potential.
<b>Endocrine Disruptor:</b>	No information available.

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## SECTION XII – ECOLOGICAL INFORMATION

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

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## SECTION XIII – DISPOSAL CONSIDERATIONS

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<b>Disposal Method:</b>	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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\*\*\*THIS PRODUCT CONTAINS NO SUBSTANCES THAT ARE LISTED WITH THE STATE OF CALIFORNIA AS A HAZARDOUS WASTE\*\*\*

# Material Safety Data Sheet




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## SECTION XIV – TRANSPORTATION INFORMATION

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<b>Transportation Regulations:</b>	Shipping Name:	Esters & Additives
	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

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**\*\*\*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\*\*\***

<b>TSCA Inventory Status:</b>	All components of this product are listed on the TSCA inventory.
<b>SARA (313) Chemicals:</b>	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).
<b>SARA (311/312) Hazard Class:</b>	No hazardous categories.
<b>SARA Section 302:</b>	None found.
<b>CERCLA Hazardous Substance:</b>	Not a listed EHS.
<b>CERCLA Reportable Quantity:</b>	No listed reported quantity.
<b>California Proposition 65:</b>	This product does not contain any chemical substances flagged by Proposition 65.
<b>Mexico – Grade:</b>	No information available

**International Inventories:**

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

**MSDS - Chain Guard™ Food Safe Graphite 220 (CG-FSG-220-H1)**

# Material Safety Data Sheet

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## SECTION VI – OTHER INFORMATION

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**References:** Not Available

**Other Special Considerations:** None

**NSF Registration:** H1 (FDA regulations 21 CFR 178.3570)

**Transport Symbol:** Not required



Nonfood Compounds  
Program Listed H1  
(Registration # 144290)

**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\*\*\*

MSDS - Chain Guard™ Food Safe Graphite 220 (CG-FSG-220-H1)