

## SECTION 1. IDENTIFICATION AND COMPANY DETAILS

**Product name:** Chain Guard Food Grade 220 H1  
**Synonym(s):** Contains Stabilized Dipentaerythritol Esters

**Product Code:** CG-FS-220-H1

**Identified Use:** Food grade chain lubricant where incidental food contact may occur.

**Chemical Family:** Synthetic Ester Based Lubricant

**Supplied By:** Chain Guard Industrial Lubricants  
21 Amber Street, # 9  
Markham, Ontario, L3R 4Z3 Canada

**Non-Emergency:** 905.752.LUBE (5823) (telephone)

**Emergency:** 613.996.6666 (CANUTEC)

## SECTION 2. HAZARD(S) IDENTIFICATION

**Classification:** Not classified as hazardous. This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Label Elements:** Not hazardous / Not Applicable

**Additional Information:** Not Applicable / None Available

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product's component(s) are not classified as hazardous at current reportable concentration levels.

## SECTION 4. 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.

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

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Inhalation:** Remove to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Notes to Physician:** Treatment based on sound judgment of physician and individual reactions of patient.

**SECTION 5. FIRE-FIGHTING MEASURES**

**Flash Point:** > 300°C (572°F)

**Extinguishing Media** Dry chemical, Foam, CO<sub>2</sub>, or Water fog.

**Flammable Limits in Air Upper Percentage:** **Maximum % by volume of vapour in air above which propagation of flame does not occur on contact with a source of ignition: N/D**

**Mechanical Impact Sensitivity:** None known

**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 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 6. ACCIDENTAL RELEASE MEASURES**

**Action to be taken if product is released or spilled:** Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Large quantity spills should be contained and pumped into drums for recovery or disposal.

**SECTION 7. HANDLING AND STORAGE**

**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. Do not add directly to food in process.

Health	1	Flammability	1
Reactivity	0	PPE	B

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

- Engineering Controls:** None required under normal conditions.
- Ventilation:** No special or unusual ventilation required.
- Personal Protective Equipment**
- Respiratory Protection:** None required under normal conditions.
- Protective Gloves:** Use gloves as a standard industrial handling procedure.
- Eye and Face Protection:** Wear safety glasses or goggles to protect against exposure.
- Other Protective Equipment:** None Required

## SECTION 9. PHYSICAL AND CHEMICAL PROTECTION

Boiling Point	N/A
<b>Melting Point</b>	< -30°C
Physical State	Liquid
Odour / Odor	Characteristic
Colour / Color	Yellow Amber
pH	N/A
Solubility in Water	INSOLUBLE
Viscosity	220 cst @ 40 C
Explosive Properties	None
Oxidizing Properties	None
Partition Coefficient: n-octanol/water	Not Determined

## SECTION 10. STABILITY AND REACTIVITY

- Stability:** Stable under normal temperatures and storage conditions
- Conditions to Avoid:** None known
- Hazardous Decomposition:** None under normal usage
- Hazardous Polymerization:** Hazardous polymerization does not occur
- Incompatibility (Materials to Avoid):** None known

## SECTION 11. TOXOLOGICAL INFORMATION

- Acute Oral**
- Toxicity LD50:** LD50 (mg/kg) >2000<sup>3</sup>

**Skin Irritation:** Non-Irritating<sup>3</sup>  
**Eye Contact:** Non-Irritating<sup>3</sup>  
**Sensitization:** Non-Sensitizing<sup>3</sup>

<sup>1</sup> Based on data available in public domain.

<sup>2</sup> Based on test data from a similar product.

<sup>3</sup> Based on test data from similar products, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

## SECTION 12. ECOLOGICAL INFORMATION

**Eco-toxicological Information:** WGK rating: 1 (Self-Classification, based on data available in public domain)

**Chemical Fate Information:** No data at this time.

<sup>1</sup> Based on data available in public domain.

<sup>2</sup> Based on test data from a similar product.

<sup>3</sup> Based on test data from similar products, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal Method:** As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations.

## SECTION 14. TRANSPORT INFORMATION

### Department of Transportation Information

**Shipping Name:** Non-Regulated

**Hazard Class:** Non-Regulated

**Label(s):** NONE

**UN/NA Number:** NONE

**Placards:** NONE

### International Transportation Classifications

**IATA Dangerous Goods  
Regulation (DGR) 57th Edition**

**2016:** Non-Regulated

**IMDG, International Maritime Dangerous Goods:** Non-Regulated as dangerous goods.

## SECTION 15. REGULATORY INFORMATION

### 15.1.

**Safety, health and environmental regulations/legislation specific for the substance or mixture. All of the components in the product are on the following Inventory lists:**

<b>TSCA</b>	All components of this product are listed on the TSCA inventory.
<b>EU REACH</b>	Pre-registered
<b>DSL/NDSL</b>	Complies
<b>AICS</b>	Complies
<b>China</b>	Complies

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**REACH** - EU Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**IECSC** - Inventory of Existing Chemical Substances in China (IECSC)

### 15.2.

**Chemical Safety Assessment:** No information available

## SECTION 16. OTHER INFORMATION

**Revision Date** 01/15/2017

**Revision Note** Not applicable.

**This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008**

## General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**

**\*\*\* END OF SDS \*\*\***