



# Material Safety Data Sheet

**Flexo Products Limited** 4777 Kent Avenue, Niagara Falls, ON L2H 1J5  
**Phone:** (905) 354-2723 **Fax:** (905) 354-1301 **Web Site:** www.flexoproducts.com

## I – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

### Grease Cartridge Universal Chassis Grease

**Use:** Grease Lubricant

**Manufacturer:** Castrol Canada Inc.

**Date of MSDS:** December 1, 2014

**WHMIS:** not a controlled product

**HMIS:** Health 0  
Flammability 0  
Reactivity 0  
PPE N/A

**TDG CLASSIFICATION:** Not regulated

**Emergency Telephone # CANUTEC 613-996-6666**

## 2 – HAZARD IDENTIFICATION

**Irritancy of Product:** mild  
**Physical State:** semi solid  
**EMERGENCY:** CAUTION! PROLONGED & DIRECT CONTACT MAY CAUSE EYE AND SKIN IRRITATION.  
Avoid contact with eyes, skin. Wash thoroughly after handling.

**Route(s) of Entry:** eye, skin, inhalation, ingestion

### Acute Effects

**Eye:** may cause irritation  
**Skin:** may cause irritation  
**Inhalation:** may cause nose, throat, respiratory tract irritation & coughing  
**Ingestion:** may cause vomiting, headache & medical problems

See Toxicological information (Section 11 and 3)

## 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
This is not a controlled product				

## 4 - FIRST AID MEASURES

**Eye Contact:** Flush with water for 15 minutes. Contact a physician.  
**Skin Contact:** Good hygiene practices apply. Wash with soap and water after use.  
**Inhalation:** Remove to fresh air. If symptoms persist, contact a physician.  
**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

## 5 - FIRE FIGHTING MEASURES

**Conditions of Flammability:** not flammable  
**UFL:** not available  
**LFL:** not available  
**Flash Point and Test Method:** 204°C (PMCC )  
**Sensitivity to Static Discharge or Mechanical Impact:** not available  
**Auto-Ignition Temperature:** 232°C  
**Hazardous Combustion Products:** oxides of carbon & sulfur  
**Means of Extinction:** treat for surrounding material & fire, CO<sub>2</sub>, dry chemical, water fog

## 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use suitable protective equipment (Section 8). Do not allow to enter drains or watercourses.  
**Environmental Precautions:** Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.  
**Methods for Cleaning Up:** For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place split material in an appropriate container for disposal.



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## 7 – HANDLING & STORAGE

**Storage Requirements:** Keep out reach of children. Keep container in a cool, well-ventilated area.  
Keep container tightly closed.

## 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Measures:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Personal Protective Equipment:**

**Eyes:** Eye protection is recommended repeated and prolonged use.  
**Hands:** For prolonged or repeated handling, use impervious gloves.  
**Skin:** For prolonged or repeated handling, use impervious gloves.  
**Respiratory:** A respirator is not needed under normal and intended conditions of product use.

**Ventilation:** general ventilation normally adequate

## 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State:</b> semi-solid	<b>Viscosity:</b> not applicable	<b>Vapour Pressure:</b> not available	<b>Oil/Water Factor:</b> not available
<b>Appearance:</b> white	<b>pH:</b> not applicable	<b>Vapour Density:</b> not available	<b>Evaporation Rate:</b> not available
<b>Odour:</b> petroleum	<b>Specific Gravity:</b> 0.9	<b>Boiling Point (°C):</b> 371	<b>Odour Threshold:</b> not available
<b>Freezing Point (°C):</b> -18			

## 10 – STABILITY & REACTIVITY

**Conditions of Chemical Instability:** stable  
**Conditions of Reactivity:** avoid extreme hot and cold temperatures  
**Hazardous Decomposition Products:** not available  
**Incompatible Substances:** strong acids & alkalis, chlorinated products, disinfectants  
**Storage Requirements:** store in closed containers away from incompatible materials,

## 11 – TOXICOLOGICAL INFORMATION

<b>Synergistic Materials:</b> not available	<b>Route(s) of Entry:</b> eye, skin
<b>Irritancy of Product:</b> not available	<b>Sensitization:</b> not available
<b>Acute Effects</b>	<b>Chronic Effects</b>
<b>Eye:</b> may cause irritation	<b>Carcinogen:</b> not available
<b>Skin:</b> may cause irritation	<b>Teratogen:</b> not available
<b>Inhalation:</b> not applicable	<b>Mutagen:</b> not available
<b>Ingestion:</b> not applicable	<b>Reproductive Toxin:</b> not available
<b>Prolonged or Repeated Exposure: Skin</b> – may cause defatting & dermatitis	

## 12 – ECOLOGICAL INFORMATION

**Biodegradability:** considered biodegradable  
**BOD/COD Values:** not available  
**Ecotoxicity:** not available

## 13 – DISPOSAL CONSIDERATION

**For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review all Federal, Provincial & local regulations prior to disposal. Consult your local or regional authorities.

## 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**UN CLASSIFICATION:** Not regulated

## 15 – REGULATORY INFORMATION

**WHMIS:** not a controlled product  
**Canada Inventory:** All components are listed or exempted.

## 16 – OTHER INFORMATION

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