



**Material Safety Data Sheet**  
**GIANT COMPRESSOR**

**Rev: 01**  
**Date: 1/1/2015**

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**1. Chemical and Company Identification**

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TRADE NAMES:	GIANT COMPRESSOR
PRODUCT CODES:	Not applicable
DESCRIPTION:	Compressor Oil
SUPPLIER:	Central Autoparts and Equipment Limited 84 Armstrong Street, Palmerston North New Zealand
EMERGENCY TEL:	(64) 6-3535200
FAX NUMBER:	(64) 6-3535201

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**2. Typical Physical & Chemical Properties**

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Physical state	:	Liquid
Physical gravity	:	Not available
Viscosity @ 40 ° C	:	28.8 – 101.5
Viscosity index	:	Min 95
Vapour density	:	Not available
Boiling Point	:	Not available
Appearance/odour	:	Amber liquid, petroleum odour
Flash Point COC ° C	:	Min 200
Pour Point, deg ° C	:	at least -15
Solubility in water	:	Negligible
Odour Threshold	:	Not available

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### 3. Health Hazard Identification

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Nature of Hazard

**INHALATION:**

Negligible hazard at normal temperatures (up to 38 deg C).  
Elevated temperatures or mechanical action may form vapours, mists or fumes which may be irritating to the eyes, nose, throat and lungs.  
Avoid breathing vapours or mists.

**EYE CONTACT:**

Slightly irritating, but will not injure eye tissue.

**SKIN CONTACT:**

Low toxicity.  
Frequent or prolonged contact may irritate the skin.

**INGESTION:**

Low toxicity

**CHRONIC:**

Prolonged and/ or repeated contact with used gasoline engine oil has caused skin cancer in experimental animals. The relationship of these results to humans has not been fully established.

**ACUTE TOXICITY DATA:**

Based on animal testing data from similar materials and products, the acute toxicity of this product is expected to be:

Oral	:	LD50 > 5000mg/kg	(Rat)
Dermal	:	LD50 > 3160mg/kg	(Rabbit)
Inhalation	:	LC50 > 5000mg/m <sup>3</sup>	(Rat)

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#### 4. First Aid Measures

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EYES:	Immediately flush eyes with large amounts of water until irritation subsides. Get prompt medical attention.
SKIN:	Immediately flush with large amount of water. Use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. If irritation persists, seek medical attention.
INGESTION:	If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.
INHALATION:	Vapour pressure of this material is low and as such inhalation under normal conditions is usually not a problem. If overexposed to oil mist, remove from further exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.
ADVICE TO DOCTOR:	None applicable.

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#### 5. Accidental Release Measures

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Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in **Section 7: Preventive & Corrective Measures**. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

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#### 6. Handling and Storage

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Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residues (solid, liquid and/or vapour) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, probably closed and promptly returned to a drum

reconditioner, or properly disposed of. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

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## **7. Preventive & Corrective Measures**

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### **PERSONAL PROTECTION:**

The selection of personal protective equipment varies, depending upon conditions of use. In open system where contact is likely, wear safety goggles, chemical-resistant overalls, and chemically impervious gloves. In open systems where contact is likely, wear safety goggles, chemical-resistant overalls, and chemically impervious gloves.

Where concentrations in air may exceed the occupational exposure limits given in section 4 and where engineering, work practices or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent overexposure by inhalation.

### **ENGINEERING CONTROLS:**

The use of local exhaust ventilation is recommended to control emissions near the source. Laboratory samples should be handled in a fumehood. Provide mechanical ventilation of confined spaces.

### **HANDLING, STORAGE AND SHIPPING:**

Keep containers closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. In keeping with good personal hygiene practices, wash hands thoroughly after handling the material.

Poison - do not drink this material.

Empty containers may contain product residue. Do not pressurize, cut, heat or weld empty containers. Do not reuse empty containers without commercial cleaning or reconditioning.

### **LAND SPILL:**

Eliminate source of ignition. Keep public away. Prevent additional discharge of material, if possible to do so without hazard.

Prevent spills from entering sewers, watercourses or low areas. Contain spilled liquid with sand or earth.

Recover by pumping or by using a suitable absorbent.

Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.

## WATER SPILL:

Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.

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## 8. Stability and Reactivity

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### HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

### CHEMICAL STABILITY:

Stable.

### CONDITIONS TO AVOID:

No data available.

### INCOMPATIBILITY WITH OTHER MATERIALS:

May react with strong oxidizing agents such as chlorate, nitrates, peroxides, etc.

### HAZARDOUS POLYMERIZATION:

Polymerization will not occur.

### HAZARDOUS DECOMPOSITION:

Fumes, smoke, carbon monoxide and sulphur oxides in case of incomplete combustion.

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## 9. Fire & Explosion Hazard

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Flashpoint and method: Min 200 ° C COC ASTM D92

Autoignition: NA Flammable Limits: NA

### GENERAL HAZARDS:

Low Hazard; liquids may burn upon heating to temperatures at or above the flash point.

Decomposes; flammable/toxic gases will form at elevated temperatures (thermal decomposition). Toxic gases will form upon combustion.

## FIRE FIGHTING

Use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to fire.

Use foam, dry chemical or water spray to extinguish fire.

Respiratory and eye protection required for fire fighting personnel.

A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of an SCBA may not be required.

## HAZARDOUS COMBUSTION PRODUCTS:

Various metal oxides.

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### **10. Ecological Information**

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This product is not expected to be harmful to aquatic organisms. It is also not expected to be readily biodegradable. This material may present environmental risks when spillage occurs.

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### **11. Disposal Considerations**

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It is the responsibility of the user of the products to determine, at the time of disposal whether the product meets criteria for hazardous wastes. Product uses, transformations, mixture and processes, may render the resulting material hazardous.

Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact our sales representative or local environmental or health authorities for approved disposal or recycling methods.

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### **12. Transport Information**

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UN Number:	Not applicable
Dangerous Good Class:	Not applicable
Proper Shipping Name:	Not applicable
Hazchem Code:	Not applicable
Additional Information:	None determined

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### 13. Regulatory Information

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#### INTERNATIONAL REGULATIONS:

WHMIS Classifications:	Not controlled
Canada Inventory Status:	This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).
EINECS Inventory Status:	This product, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).
Australia Inventory Status:	This product, or its components, are listed on or are exempt from the Australia Inventory of Chemical Substances (AICS).
Japan Inventory Status:	This product, or its components, are listed on or are exempt from the Japanese Ministry of International Trade and Industry (MITI) inventory.
<u>Respirator information:</u>	In the absence of local approval authorities / standards, follow US NIOSH/MSHA, UK BSI regulations. Respirators must meet either the above or local standard for approved respirators.

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### 14. Other Information

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NFPA Ratings:	Health 0; Flammability 1; Reactivity 0;
HMIS Ratings:	Health 1; Flammability 1; Reactivity 0; (0–Least, 1–Slight, 2–Moderate, 3–High, 4–Extreme, PPE–Personal Protection Equipment Index recommendation , *-Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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