



GIANT BRAKE CLEAN

Safety Data Sheet
Version 25.03.06 V1.0
Initial Date: 22-AUG 2019
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SECTION 1 | IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identifier

Product name	GIANT BRAKE CLEAN
Intended/identified use	Brake & Parts Cleaner
Other means of identification	Not Available

Details of the supplier of the safety data sheet

Registered company name	CENTRAL AUTO PARTS AND EQUIPMENT LIMITED
Address	84 Armstrong Street, Palmerston North, New Zealand
Telephone	+64 6-353 5200
Fax	+64 6-353 5201
Website	https://www.centralparts.co.nz

Emergency telephone number

Association / Organisation	Not Available
Emergency telephone numbers	+64 6-353 5200
Other emergency telephone numbers	Not Available

SECTION 2 | HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification	Flammable liquids, Cat 2 Skin irritation, Cat 2 Specific target organ systemic toxicity - single exposure, Cat 3 Central nervous system Aspiration hazard, Cat 1 Chronic aquatic toxicity, Cat 2
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Label elements

GHS label elements	
Signal Word	Danger

Hazard statement(s)

Physical Hazards:

- H225 Highly flammable liquid and vapor
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation
- H336 May cause drowsiness or dizziness
- H411 Toxic to aquatic life with long lasting effects

Health Hazards:

- H319 Causes serious eye irritation
- H336 May cause drowsiness or dizziness
- H305 May be harmful if swallowed and enters airways

Precautionary statement(s) prevention

- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233 Keep container tightly closed
- P240 Ground/bond container and receiving equipment
- P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash skin thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P273 Avoid release to the environment
- P280 Wear protective gloves/ eye protection/ face protection

Precautionary statement(s) response

- P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P362 Take off contaminated clothing and wash before reuse.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Precautionary statement(s) storage

- P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

Precautionary statement(s) disposal

- P501 Dispose of contents/ container to an approved waste disposal plant.

SECTION 3 | COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of mixtures.

Mixtures

Reportable Hazardous Substance(s) / Complex Substance(s)

CAS No.	%[weight]	Name
64742-49-0	100% weight	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. Other ingredients determined not to be hazardous up to 100%.

SECTION 4 | FIRST AID MEASURES

Description of first aid measures

General advice:	Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.
If inhaled:	Move to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact:	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.
In case of eye contact:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed:	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.

SECTION 5 | FIREFIGHTING MEASURES

Flammability:	Product is a flammable liquid.
Suitable Extinguishing Agents:	Dry chemical. Carbon dioxide (CO2). Alcohol-resistant foam. Do not use water in a jet.
Specific Hazards during Fire-Fighting:	Do not allow run-off from fire-fighting to enter drains or water courses.
Special Hazards Caused by the Material, its Products of Combustion or Resulting Gases:	Under certain fire conditions, traces of other toxic gases cannot be excluded.
Protecting Equipment:	Wear full protective clothing and self-contained breathing apparatus.
Fire and Explosion Protection:	Do not spray on an open flame or any other incandescent material. Use only explosion-proof equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition.
Additional Information:	Dispose of fire debris and contaminated fire-fighting water in accordance with official Regulations.

SECTION 6 | ACCIDENTAL RELEASE MEASURES

Observe all relevant local and international regulations.

Personal precautions:	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental Precautionary Measures:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and Materials for Containment and Clean Up:	For spills transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Additional Information:	Dispose of the material collected according to regulations.

Personal Protective Equipment (PPE) advice is contained in Section 8 of the SDS.

SECTION 7 | HANDLING AND STORAGE

Precautions for Safe Handling:	Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations. Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient. Review all operations, which have the potential to generating and accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures.
Advice on Protection against Fire and Explosion:	Do not spray on an open flame or any other incandescent material. Use only explosion-proof equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition.
Conditions for Safe Storage:	No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations/working materials must comply with the technological safety standards.
Incompatibilities:	Store away from incompatible materials such as oxidizing agents, heat and sources of ignition. Store away from direct sunlight and moisture.

SECTION 8 | EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures:	Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.
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Respiratory Protection:	Wear a supplied-air NIOSH approved respirator unless ventilation or other engineering controls are adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure. Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as Air-Purifying Respirator for Organic Vapors. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels not known, or other circumstances where air-purifying respirators may not provide adequate protection.
Hand Protection:	The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Eye Protection:	Eye wash bottle with pure water. Tightly fitting safety goggles.
Skin and Body Protection:	Choose body protection in relation to its type, to the concentration and amount of dangerous substances and to the specific work-place. Wear as appropriate: Flame retardant antistatic protective clothing. Workers should wear antistatic footwear.
Hygiene Measures:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Colourless		
Physical state	Liquid	Relative density (Water = 1)	0.68 – 0.72
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Wet Boiling Point (°C)	Not Available
pH (as supplied)	Not Available	Flash Point (°C)	< 0

SECTION 10 | STABILITY AND REACTIVITY

Stability:	Product is stable under recommended conditions of use, storage and temperature. Flammable liquid.
Conditions to Avoid:	Avoid excessive heat, sparks, open flames, direct sunlight, moisture, freezing, static charges and high temperatures.
Incompatible Materials:	May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Hazardous Decomposition:	Products Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Reactions Data:	Not available.

SECTION 11 | TOXICOLOGY INFORMATION

Primary Irritant Effect:

Skin Corrosion/ Irritation:	Mild irritant. Prolonged contact may cause defatting of skin and can lead to dermatitis.
Serious Eye Damage/ Irritation:	Mild irritant.
Respiratory or Skin Sensitization:	Not expected to be a sensitizer.
Aspiration Toxicity:	May be fatal if swallowed and enters airways. Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.
Repeated Exposure:	Inhalation of vapours or mists may cause irritation to the respiratory system.

SECTION 12 | ECOLOGICAL INFORMATION

12.1 Toxicity Ecotoxicity Effects

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment:

Primary Irritant Effect:

Component	Freshwater Fish	Water Flea	Freshwater Algae	Microtox
Hydrocarbons, C7, nalkanes, isoalkanes, cyclics	>13.4 mg/L (LC50) 96h Onchorhynchus mykiss	3 mg/L (EC50) 48h Daphnia magna	10 mg/L (EC50) 72h Algae - Raphidocelis	N.D.

12.2 Persistence and Degradability: Readily biodegradable.
Persistence: Immiscible with water, persistence is unlikely, based on information available.

Component	Degradability
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics 64742-49-0 (100)	98% (28d) OECD301F

Degradation in Sewage Treatment Plant:
Contains substances known to be hazardous to the environment or not degradable in waste-water treatment plants.

12.3 Bioaccumulative Potential: Bioaccumulation is unlikely.

12.4 Mobility in Soil: The product is insoluble and floats on water. The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. Will likely be mobile in the environment due to its volatility. Disperses rapidly in air.

12.5 Results of PBT and vPvB assessment: Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB).

12.6 Other Adverse Effects:
Endocrine Disruptor Information: This product does not contain any known or suspected endocrine disruptors
Persistent Organic Pollutant: This product does not contain any known or suspected substance.
Ozone Depletion Potential: This product does not contain any known or suspected substance

SECTION 13 | DISPOSAL INFORMATION

Product
Must be specially treated under adherence to official regulations. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated Packaging
Empty remaining contents. Dispose of as unused product. Do not reuse empty containers. Do not burn or use a cutting torch on the empty drum.

SECTION 14 | TRANSPORTATION INFORMATION

Labels required

Marine pollutant	Dangerous for the environment Product is a marine pollutant according to the criteria set by IMDG/IMO
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Transport Hazard Class:	3
Packing Group:	II
Environmental Hazards:	Dangerous for the environment Product is a marine pollutant according to the criteria set by IMDG/IMO

SECTION 15 | REGULATORY INFORMATION

GHS Hazard Statements
H226: Flammable liquid and vapour
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness
H411: Toxic to aquatic life with long lasting effects

Risk (R) Phrases:
R22 - Harmful if swallowed
R40 – Possible risks or irreversible effects
R38 – Irritating to skin

Safety (S) Phrases:
S24 - Avoid contact with skin
S36 – Wear suitable protective clothing
S37 – Wear suitable gloves

SECTION 16 | OTHER INFORMATION

Other information
This data Sheet and the health, safety and environment information it contains is considered to be accurate as of the data specified below. We have reviewed any information contained herein which we received from sources outside the company. However, no warranty or representation, express or implied is made as to the accuracy or completeness of the data and information contained in this data sheet.
Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorization given or implied to practise any patented invention without a valid license. Central Auto Parts and Equipment shall not be responsible for any damage or injury resulting from abnormal use of the material, from any failure adhere to recommendations, or from any hazards inherent in the nature of the material.