



Material Safety Data Sheet
GIANT COOLANT PREMIX

Rev: 00
Date: 22/08/2025

1. Chemical and Company Identification

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

2. Hazards Identification

GHS CLASSIFICATION

Health		Environmental	Physical
Skin irritation	Category 3	Not Classified	Not Classified
Eye irritation	Category 2		

GHS LABEL:



Hazard Statements:

H316 Causes mild skin irritation

H320 Causes eye irritation

Precautionary precautionary statements:

P264 Wash thoroughly after handling

Response precautionary statements:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention.

P332+P313 If skin irritation occurs: Get medical advice/attention.

3. Compositions / Information on Ingredients

Chemical Identity	CAS #	EINECS #	R Phrase	S Phrase	Weight %
Propylene Glycol	57-55-6	200-338-0	-	-	50
Benzoate Acid Sodium Salt	532-32-1	208-534-8	-	-	< 1
Sodium Tetraborate Decahydrate	1303-96-4	215-540-4	R36, R37, R38, R62, R63	S22, S26, S36, S37, S39, S45	< 2
Sodium Nitrite	7632-00-00	231-555-9	R8, R25, R50	S1/2, S45, S61	< 1

4. First Aid Measures

Contact with eyes

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. If redness, swelling, pain and blister occur, transport to the nearest medical facility for additional treatment.

Skin contact

Remove contaminated clothing. Flush exposed area with large amount of water for at least 15 minutes followed by washing with soap. If redness, swelling, pain and blister occur, transport to the nearest medical facility for additional treatment.

Inhalation

Remove to open area for fresh air. If rapid recovery does not occur, transport to the nearest medical facility for additional treatment.

Ingestion

If swallowed, call a physician immediately. Only induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Suitable Extinguishing Media

Non-flammable. Use water spray, fog or foam to cool fire exposed surfaces and to protect personnel.

Unsuitable Extinguishing Media

No restrictions

Specific Hazards Arising from the Chemical

Decomposition under fire conditions will generate carbon monoxide and may generate other potentially toxic vapors.

Protection for Fire-fighters

Evacuate personnel to safe areas. Intervention only by capable personnel who are trained and aware of the hazards of the product. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Clean contaminated surface thoroughly.

6. Accidental Release Measures

Personal Precautions and Protective Equipment

Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Keep away from open flames, hot surfaces and sources of ignition. Keep away from incompatible products. Isolate the area. Cover the spreading liquid with foam in order to slow down the evaporation. Ventilate the area.

Environmental Precautions

Prevent discharges into the environment (sewers, rivers, soils). Immediately notify the appropriate authorities in case of discharge.

Method for Cleaning Up & Containment

Small Spill:

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Emergency Procedures

Shut off leaks, if possible without personal risks. Remove all possible ignitions in the surrounding area. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Monitor area with combustible gas indicator.

7. Handling and Storage

Precautions for Safe Handling: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, reducing agents, acids, alkalis, moisture.

Conditions for Safe Storage: Hygroscopic. Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 40°C

8. Exposure Controls / Personal Protection

Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
Benzoate Acid Sodium Salt	Not Established	Not Established	Not Established	Not Established
Sodium Tetraborate Decahydrate	5 mg/m ³	Not Established	5 mg/m ³	10 mg/m ³
Sodium Nitrite	Not Established	Not Established	Not Established	Not Established

Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location Refer to protective measures listed in sections 7 and 8. Apply technical measures to comply with the occupational exposure limits.

Personal Protective Equipment (PPE):

Eye Protection

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

Skin Protection

Wear protective gloves and clean body-covering clothing.

Respiratory Protection

In the case of hazardous fumes, wear self contained breathing apparatus. Self-contained breathing apparatus in medium confinement/insufficient oxygen/in case of large uncontrolled emissions/in all circumstances when the mask and cartridge do not give adequate protection.

Thermal hazards

NA

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red
Odour	Odourless
Odour Threshold	NA
pH	8 – 10
Melting Point/ Freezing Point (°C)	- 40
Initial boiling point and range (°C)	105.6
Flash Point (°C) [According to ISO 3679, Closed Cup Testing]	No flash point detected
Evaporation Rate	Not determined
Flammability (solid, gas)	Not applicable
Upper/lower Flammability (Explosive) Limits:	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	1.05 ± 0.03

10. Stability and Reactivity

Reactivity/Incompatible materials

Avoid contact with strong acids, strong alkali and strong oxidizing agents

Chemical Stability

Stable at normal conditions of use and storage.

Possibility of hazardous reactions

Not determined

Hazardous decomposition products

Carbon dioxide and carbon monoxide may form when heated to decomposition. When heated to decomposition, it might emit acrid smoke and other irritating fumes.

Conditions to avoid

Incompatible materials, excess heat, exposure to moist air or water

11.Toxicological Information

Acute toxicity (ATE_{mix})

Acute oral toxicity (LD50): >5000 mg/kg [Rat].

Acute dermal toxicity (LD50): >5000 mg/kg [Rabbit].

Inhalation toxicity (LC50): >100 mg/L

Carcinogenicity: None of the ingredients are listed under IARC.

12.Ecological Information

Toxicity

No data available

Persistence/Degradability

Not expected to bio-accumulate significantly

Bio accumulative Potential

Not expected to bio-accumulate significantly

13.Disposal Considerations

Local legislation

Dispose in compliance with local/federal and national regulations. It is recommended to contact the producer for recycling/recovery. Or send the product to an authorized hazardous waste incinerator.

Container Disposal

To avoid treatments, as far as possible, use dedicated containers. If not, rinse the empty containers with a low volatility hydrocarbon and treat the effluent in the same way as waste. Containers that cannot be cleaned must be treated as waste.

14. Transport Information

Land (ADR)

UN number	Not regulated
UN Class	NA
Subsidiary risk	NA
Packing Group	NA
Proper shipping name	NA
HIN	NA

Sea (IMDG)

UN number	Not regulated
UN Class	NA
Subsidiary risk	NA
Packing Group	NA
Proper shipping name	NA
Marine pollutant	NA

Sea (Annex II of MARPOL 73/78 and the IBC Code)

Pollution category	NA
Ship type	NA
Product name	NA

Air (IATA)

UN number	Not regulated
UN Class	NA
Subsidiary risk	NA
Packing Group	NA
Proper shipping name	NA

Special precautions:

Before transportation, make sure the containers are tightly sealed and that there are no liquid or gas leaks.

When transporting containers, be sure that they are tightly fastened. An appropriate buffer material should be placed between them to prevent them from bumping each other and being damaged during transport.

15.Regulatory Information

USA Information

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA)

<u>Ingredient</u>	<u>CAS #</u>	<u>CERCLA RQ</u>	<u>RCRA Code</u>
Benzoate Acid Sodium Salt	532-32-1	-	-
Sodium Tetraborate Decahydrate	1303-96-4	-	-
Sodium Nitrite	7632-00-00	100	-

Superfund Amendments and Reauthorization Act (SARA) Title III

Information: SARA Section 311/312 (40 CFR 370) Hazard

Categories:

<u>Ingredient</u>	<u>Acute Hazard</u>	<u>Chronic Hazard</u>	<u>Fire Hazard</u>	<u>Pressure Hazard</u>	<u>Reactivity Hazard</u>
Benzoate Acid Sodium Salt	Yes	No	No	No	No
Sodium Tetraborate Decahydrate	Yes	Yes	No	No	No
Sodium Nitrite	Yes	No	Yes	No	Yes

This product does not contain any toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372): Sodium Nitrite

Canada Information

WHMIS classification:

Sodium Tetraborate Decahydrate : D2A, D2B

16. Other Information

This product is intended for use by skilled individuals at their own risk. The information, data and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. The company / manufacturer makes no representations as to the completeness or accuracy of the Information and disclaims responsibility for any reliance thereon. The information is provided upon the condition that the persons receiving will make their own determination as to its suitability for their purposes prior to use. Any use of the Information must be determined by the user to be in accordance with applicable Federal, state and local laws and regulations. In no event will the company / manufacturer be responsible for damages of any nature whatsoever resulting from the use or reliance upon the Information.

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