



PHOENIX RADIATOR COOLANT

1. Product Name and Company Details

Company Name:	Phoenix Petroleum Philippines Incorporated
Head Office:	Phoenix Bulk Depot, Lanang, Davao City, 8000
Taguig Office:	25 th Flr. Fort Legend Towers 3 rd Ave. cor. 31 st St. Fort Bonifacio Global City, Taguig City, 1634, Philippines
Product Name:	RADIATOR COOLANT
Chemical Family:	Petroleum Hydrocarbon
Product Classification:	Radiator Coolant
Product Description:	Pre-mixed radiator Coolant
Emergency Number:	+63 (2) 4034013, +63 (2) 4034025

2. Composition / Information on Ingredients

Sodium 2-ethylhexanoate	0.1 - < 3% wt
--------------------------------	---------------

3. Hazard Identification

Warning Statement:	No significant hazard.
Eyes Contact:	May cause eye irritation with excess tear production and redness of the conjunctiva
Oral / Ingestion:	Ingestion may cause similar symptoms to alcohol intoxication and depression resulting to vomiting, headache, dizziness and convulsion. Respiratory and cardiac failure may follow.
Inhalation:	Breathing of mist or vapor may result to irritation of the respiratory tract and central nervous system depression.
Skin Contact:	Prolonged contact may cause slight irritation.

4. First Aid Measures

Skin Contact:	Wash with soap and rinse with water. Remove and clean contaminated clothing before use.
Inhalation:	Generally not an inhalation hazard. Using respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.
Ingestion:	Do not induce vomiting unless instructed by a medical representative/personnel. If vomiting occurs, keep head below hips to prevent entering of liquid into the lungs and seek medical attention.
Flash Point:	No available data. Typical (116 °C/240°F) for combustible materials.



5. Fire Fighting Measures

Extinguishing Media:	Use dry chemicals, carbon dioxide or water fog.
Special Firefighting:	Recommend wearing self-contained breathing apparatus.
Procedures:	Cool fire-exposed storage containers with water to prevent frothing. Fire fighting should be done with necessary personnel protective equipment
Other Information:	Harmful oxides of carbon and nitrogen may be released when burned.

6. Accidental Release Measures

Land Spill:	Prevent the liquid from the sewers water course or low lying areas. Advise the relevant authorities taking measures to minimize the effects on ground water.
Water Spill:	Remove quickly from the water surface by skimming or with suitable absorbents. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulation.

7. Handling and Storage

Max. Storage temperature, (°C):	30°C
Max. Transport temperature, (°C):	50°C
Handling procedures:	Keep containers closed when not in use. Handle containers with care. Open slowly in order to control possible pressure release. Do not handle, store or open near an open flame.
Storage procedures:	Store in a cool, well ventilated areas, away from sources of heat and ignition.

8. Special Protection Information

Ventilation Requirements:	Normal ventilation
Respiratory Protection:	Avoid inhalation
Eye Protection:	Safety Goggles
Protective Gloves:	Rubber or cloth

9. Physical and Chemical Properties

Typical physical and chemical properties are given below. Consult the supplier in section 1 for additional data.

Physical State at 20°C	Liquid
Water Solubility	Soluble in water
Density at 15°C, kg/L	1.004 kg/L
Appearance/Odor	Green/Mild
Viscosity at 40°C, cSt.	No data available
Boiling Point, °C	100
pH	7.6 – 8.7

**10. Stability and Reactivity**

Stability:	Material is stable under normal conditions.
Conditions to avoid:	None known
Materials to avoid:	Strong oxidizing agents. Do not add nitrates due to formation of nitrosamines.
Hazardous decomposition product:	Undefined organics and oxides of carbon and oxides of nitrogen

11. Toxicological Information

No specific toxicological data on this product is available.

12. Ecological Information

Biodegradable in a public bacterial sewage treatment plant based upon testing of analogous products.

13. Disposal Consideration

Dispose off according to governmental and environmental control regulations.

14. Transport Regulation

DOT: Not regulated. Not a hazard.

15. Regulatory Information

OSHA Hazard Communication Standard: When used for its intended purposes, this material is not classified as hazardous.

Chemical Name: N/A

16. Other Information

The information herein only concerns the above-mentioned product and may not be valid if used with other product in any process.

However, no representation, warranty or guarantee is more as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

REV.1 Effective April, 2018