

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION AND COMPANY

Product Name : PETRO RESTA 512
Manufacturer : PT.PETROMITRA PACIFIC INTERNUSA
Address : Perkantoran Alam Sutera Town Centre, Blok 10 H, No.18
Telephone Number : (021) 29211565, Fax (021) 29211566
Application : Medium Speed Diesel Engine Oil

2. COMPOSITION

Chemical Name : Petroleum Oil
CAS # : 64742-54-7
OSHA PEL : -
ACGIH TLV : -
%(Range) : 90 – 100

3. HAZARDS IDENTIFICATION

Hazard Classification: Harmful if swallowed. Inhalation causes headaches, dizziness
drowsiness and nausea, cause eye and skin irritation

4. FIRST AID

Eye Contact	Flush eyes with large amount of water until irritation subsides. If irritation persists, get medical attention
Skin Contact	Wash skin with water immediately. Get medical attention if any symptoms develop. To remove the material from skin, apply a waterless hand cleaner, mineral oil, or petroleum jelly. Then with soap and water
Inhalation	Remove to fresh air. If rapid recovery does not occur, get medical attention
Ingestion	Do not induce vomiting. If rapid recovery does not occur, get medical attention

5. FIRE FIGHTING MEASURES

Flash Point, 0C	:281
Extinguishing Media	: Dry chemical, Foam or CO2
Special Fire Fighting Procedures	: For firefighter involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self contained breathing apparatus
Combustion Products	: Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	: Immediately contact emergency personnel. Use suitable Protective equipment. Follow all fire fighting procedure
Environment Precautions	: Prevent liquid entering sewers, drains or water courses
Decontamination	: Absorb in earth or sand or other suitable material. In Case of spillage on water contain by a boom and collect by skimming or absorption

7. HANDLING AND STORAGE

Handling	: Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling
Storage	: Keep containers tightly closed. Keep container in a cool, well ventilated area. Do not cut, grind, drill, weld, reuse or dispose of containers unless adequate precautions are taken against these hazards

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits	: None assigned.
Engineering Control Measures	: Provide exhaust ventilation. Ensure that eyewash Stations and safety showers are close to the work station location. Chemical splash goggles. Wear suitable protective Clothing and gloves
Personal Protection	: for eyes

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor	: Brown liquid and characteristic odor
Density @ 15oC	: 0.9025
Boiling Point (oC)	: Not determined
Melting point (oC)	: Not applicable
Pour Point	: - 12
Flash Point, oC	: 281
Solubility in water	Non
Vapour Density (air=1)	: Not determined
Evaporation rate (Butyl Acetate=1)	: Not determined

10. STABILITY AND REACTIVITY

Stability	: Stable under normal condition
Conditions to Avoid	: Avoid exposure to extreme heat
Material to Avoid	: Strong Oxidizing Agent
Hazardous Decomposition	: Oxides of Carbon

11. TOXICOLOGICAL INFORMATION HEALTH EFFECT

On eyes	: May cause temporary irritation and discomfort
On skin	: Generally non irritant on incidental contact. Excessive or Prolonged contact may give rise to slight irritation
By inhalation	: High concentration of mist may give rise to respiratory irritation.
By ingestion	: Ingestion of large quantities may cause nausea, sickness and diarrhoea.
Chronic Toxicity	: No hazard anticipated
Other	: Products which have become contaminated might present More serious health effect.

12. ECOLOGICAL INFORMATION

Ecotoxicity	: NA.
Biodegradability biodegradable.	: Not readily biodegradable but inherently Leaching and penetration through surface soils is Generally regarded as resulting in long term persistence
Other Ecological Information	: Spillages may penetrate the soil causing ground water contamination. Fresh or used product may harmful to aquatic life

13. DISPOSAL CONSIDERATION

Product Disposal	: Avoid contact of spilled material and runoff with soil and surface waterways. Consult an environmental Professional to determine if local, regional or national Regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities
Container Disposal	: Dispose of in accordance with all applicable Local and national regulations

14. OTHER INFORMATION

The above information is based on data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. Therefore, no warranty either expressed or implied of merchantability or fitness for particular purpose is made with respect to the product or the information contained herein.