

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION AND COMPANY

Product Name : PETRO RESTA 312  
Manufacturer : PT.PETROMITRA PACIFIC INTERNUSA  
Address : Perkantoran Alam Sutra 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

Human Health	Product is not hazardous
Eye Contact	Slightly irritant
Skin Contact	Prolonged or repeated contact may irritate skin
Inhalation	Repeated and repeated contact may irritate skin
Ingestion	Minimal toxicity
Safety Hazards	Not classified as flammable but will burn
Environmental	Not readily biodegradable

4. FIRST AID

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Eye Contact	Flush eyes with large amount of water until irritation subsides. If irritation persists, get medical attention
Skin Contact	Flush with large amount of water, use soap if available. Remove contaminated clothing. If irritation persists, get medical attention.
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

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Flash Point, 0C	:278
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

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Clean-up Procedures Stop the source of leak or release and contain spill if possible. Cover spill with generous amount of inert absorbent material such as sand or earth Sweep up and remove to suitable, clearly marked containers for disposal in accordance with local regulations. Scrub contaminated area with detergent and water. Pick up liquid with additional absorbent material and dispose as above. Wear proper protective equipment during clean-up

7. HANDLING AND STORAGE

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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

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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

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Appearance and odor	: Brown liquid and characteristic odor
Density @ 15oC	: 0.8950
Boiling Point (oC)	: Not determined
Melting point (oC)	: Not applicable
Pour Point	: - 18
Flash Point, oC	: 278
Solubility in water	Non
Vapour Density (air=1)	: Not determined
Evaporation rate (Butyl Acetate=1)	: Not determined

#### 10. STABILITY AND REACTIVITY

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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. ECOLOGICAL INFORMATION

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Ecotoxicity : NA.  
Biodegradability : Not readily biodegradable but inherently biodegradable.  
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

12. DISPOSAL CONSIDERATION

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Product Disposal Used or waste oil should be recycled or disposed off in conformity to local disposal regulations. Contact local authorities for approved disposal contractor  
Container Disposal Empty drums should be completely drained and sent to a drum reconditioner or properly disposed of. Non-reusable small containers should be recycled or disposed of. Ensure conformity to local disposal regulations.

13. TRANSPORT INFORMATION

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General Information Not dangerous for conveyance under UN, IMO, ADR/RID and IATA.ICAO codes

14. REGULATORY INFORMATION

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Not Applicable.

15. OTHER INFORMATION

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