

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION AND COMPANY

Product Name            PETRO SEVILLA  
 Product Type            Soluble Cutting Oil  
 Company                 PT. PETROMITRA PACIFIC INTERNUSA  
                                  ALAM SUTERA TOWN CENTER BLOK 10 H NO.18  
                                  TANGERANG 151436  
                                  Tlp : (021) 29211565 Fax : (021) 29211566

2. HAZARDOUS INGREDIENTS

Chemical Name	CAS #	OSHA PEL	ACGIH TLV	% (Range)
Petroleum Oil	64742-54-7	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	70-80
Tetra Hydro Oxazine	-	-	-	0-5

3. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and odor            : Opaque Brown  
 Boiling Point                    : >100 °C  
 Melting Point                    : Not Applicable  
 Vapor Density (Air= 1)         : Not Determined  
 Specific Gravity(H<sub>2</sub>O=1)        : 0.8859  
 Pour Point, °C                    : Not Determined  
 Flash Point, COC, °C            : None  
 Solubility in water               : Non  
 Evaporation Rate  
 (Butyl Acetate=1)                : Not Determined

#### 4. REACTIVITY DATA

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Stability : Stable  
Incompatibility : Strong Oxidizing Agent  
Hazardous Decomposition : Oxides of Carbon, Sulfur Oxide

#### 5. HEALTH HAZARD DATA

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##### EFFECTS OF OVER EXPOSURE

Inhalation : Mists may cause respiratory irritation  
Skin Contact : May cause mild irritation  
Skin Absorption : Not expected to occur  
Eye Contact : May cause eye irritation  
Ingestion : Has not been established

#### 6. EMERGENCY AND FIRST AID PROCEDURES

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Inhalation : If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues  
Wash skin with soap and water. If irritation occurs, get medical attention.  
Skin Contact : Wash clothing before reuse  
Obtain medical assistance  
Immediately flush eyes with plenty of water. Get medical attention if irritation persists  
Ingestion :  
Eyes :

## 7. SPILL OR LEAK PROCEDURES

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Small Amount	: Add oil adsorbent, shovel up and place in closed containers for disposal in accord with local regulation.
Large Amounts	: Dike to contain and pump into drums for use disposal
Disposal Method	: Dispose of as such in the manner prescribed in local regulation. Do not discharge or sewers

## 8. PROTECTIVE

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Ventilation	: -General Mechanical General ventilation normally adequate -Local Exhaust If misting occurs -Special Required if high levels of mist are generated
Protective Gloves	: The use of neoprene, latex rubber or butyl rubber gloves to avoid skin irritation
Eye Protection	: Chemical splash goggles

## 9. SPECIAL PRECAUTIONS

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Avoid breathing mist and contact with the eyes

Wash contaminated clothing before reuse

Store in tightly closed containers when not in use

Bring Product to room temperature before use

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

**Product Name** : Petro Syn  
**Manufacturer** : PT. PETROMITRA PACIFIC INTERNUSA  
**Address** : Alam Sutera Town Center Blok 10 H no.18  
**Telephone Number** : 021-29211565  
**Application** : Synthetic Cutting and Coolant Fluid

## 2. COMPOSITIONAL INFORMATION

Chemical Name	CAS #	OSHA PEL	ACGIH TLV	% (Range)
Demin Water				80 – 90

## 3. HAZARDS IDENTIFICATION

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

## 4. FIRST AID MEASURES

**Inhalation** : Remove to fresh air. If effects persist, seek treatment by a doctor.  
**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 wash with soap and water.  
**Ingestion** : Do not induce vomiting. Wash mouth out with water. Obtain immediate treatment by a doctor and provide a copy of this sheet.  
**Eyes** : Flush eyes immediately with fresh water for 15 minutes while holding the eyelids open. Get immediate medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash Point, °C** : NA  
**Extinguishing Media** : Dry chemical, Foam or CO<sub>2</sub>  
**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 procedures.  
**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 & STORAGE

<b>Handling</b>	: Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
<b>Storage</b>	: 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 CONTROLS / PERSONAL PROTECTION

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

## 9. PHYSICAL & CHEMICAL CHARACTERISTICS

<b>Appearance and odor</b>	: Transparent light blue liquid and characteristic odor
<b>Density @ 15°C</b>	: 1.0204
<b>Boiling Point (°C)</b>	: Not determined
<b>Melting point (°C)</b>	: Not applicable
<b>Pour Point</b>	: NA
<b>Flash Point, °C</b>	: NA
<b>Solubility in water</b>	: Soluble in water
<b>Vapour Density (air=1)</b>	: Not determined
<b>Evaporation rate (Butyl Acetate=1)</b>	: Not determined

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### HEALTH EFFECT

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

## 12. ECOLOGICAL INFORMATION

- 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

## 13. DISPOSAL CONSIDERATIONS

- Waste information** : 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. Dispose of in accordance with all applicable
- Dispose method** : Local and national regulations

## 14. OTHER INFORMATION

- Other Information** : The data and advice given apply when the product is sold for the stated application (s). The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risk not mentioned in this sheet. Should not use the product other than for the stated application or applications without seeking advice from us.  
If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.  
If you are an employer, it is your duty to tell your employees and others who may be affected of any hazard described in this sheet and of any precautions which should be taken