

**MATERIAL SAFETY DATA SHEET**  
According to regulation (EU) no.1907/2006

**Paraffinic Oil 60**

Revision : 00

Date: December 12<sup>th</sup>, 2024

MSDS Number: 116

## Section 1 - Chemical Product and Company Identification

- 1.1 Product Name** : **PARAFFINIC OIL 60**  
**Synonyms** : solvent-dewaxed light paraffinic; petroleum distillates  
**CAS No.** : 64742-56-9  
**HS Code** : 2712 90 40  
**Molecular Weight** : Not Applicable  
**Chemical Formula** : Not Applicable  
**Brand** : PANCASAKTI  
**1.2 Manufacturer** : **PT. Pancasakti Putra Kencana**  
**Address** : Ruko Boulevard TamanTekno Blok E No.9 - 11BSD Serpong, Tangerang - Indonesia  
**Website** : [www.pancasakti.co.id](http://www.pancasakti.co.id)  
**Email** : [sales@pancasakti.co.id](mailto:sales@pancasakti.co.id)  
**For information** : Telp: +62-21- 7588 0205(Hunting), fax: +62-21-7588 0198  
**1.3 Application** : Industrial solvent  
**Emergency Telephone:** +62-21-7588 0205(Hunting)

## Section 2 - Hazards Identification

**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Carc. Category 1B; H350  
 Asp. Tox. Category 1; H304  
 Repr. Category 2; H361 STOT RE. Category 1; H372  
 Skin Irrit. Category 2; H315 Acute Tox. Category 4; H332  
 STOT RE. Category 2; H373  
 Muta. Category 2; H341  
 Acute toxicity Category 3; H331  
 Aq. Chron. Category 4; H413

For the full text of the H-Statements mentioned in this Section, see Section 16.

**2.2 Label elements**

Labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Danger

**Hazard statement(s)**

H304

May be fatal if swallowed and enters airways.

H315

Causes skin irritation.

H331

Toxic if inhaled.

H332

Harmful if inhaled.

H350

May cause cancer.

H361

Suspected of damaging fertility or the unborn child.

H372

Causes damage to organs through prolonged or repeated exposure.

H373

May cause damage to organs through prolonged or repeated exposure.

H413

May cause long-lasting harmful effects to aquatic life.

**Precautionary statement(s)**

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P260	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P331	Do NOT induce vomiting.

**Section 3 - Composition, Information on Ingredients**

**3.1 Substances**

Synonyms	: solvent-dewaxed light paraffinic; petroleum distillates
Formula	: Not Applicable
Molecular weight	: Not Applicable
CAS-No.	: 64742-56-9

**Hazardous ingredients according to Regulation (EC) No 1272/2008**

Component	Cas No.	Concentration
Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Section 4 - First Aid Measures**

**4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**Section 5 - Firefighting Measures**

**5.1 Extinguishing media**

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**Suitable extinguishing media**

Carbon dioxide, dry chemical and foam.

**Unsuitable extinguishing media**

Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

**5.2 Special hazards arising from the substance or mixture**

Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds. If sulfur compounds are present in appreciable amounts, combustion products may include also H<sub>2</sub>S and SO<sub>x</sub> (sulfur oxides) or sulfuric acid. This substance will float and can be reignited on surface water.

**5.3 Advice for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

**5.4 Further information**

No data available

Section 6 - Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Product spills may cause flammable and explosive conditions. Keep all ignition sources and hot metal surfaces from the spill (if possible). It is recommended to use explosion proof electrical equipment. Keep away from contact with product spills. Keep direct contact with the product. For large spills, immediately isolate the spill area and keep the unauthorized parties away from the spill area. Use appropriate personal protective equipment, including respiratory protective equipment.

**6.2 Environmental precautions**

Prevent spilled material from entering sewers, storm drains, or seepage into soil.

**6.3 Methods and materials for containment and cleaning up**

Spill absorption using sorbents, sand, clay soil and other fire retardants. Clean and dispose of the landfill set by local regulations.

**6.4 Reference to other sections**

For disposal see section 13.

Section 7 - Handling and Storage

**7.1 Precautions for safe handling**

Make sure the container is closed. Use only in rooms with adequate ventilation. Keep away from combustible materials, fire, electricity or other sources of heat. To avoid fire & explosion, remove static electricity during transfers by grounding and bonding containers and equipment before transferring the material. Use explosion proof electrical equipment (ventilation, lighting and material handling). Wash clean after handling.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a separate area and allowed.

Keep container in a cool, well-ventilated area.

Keep container tightly sealed and sealed until ready to use. Avoid all sources that allow fire (spark or fire).

**Recommended materials:**

Use mild steel or high-density polyethylene (HDPE) for containers or container linings.

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**Unsuitable materials:**

Avoid PVC for containers or container linings.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

Section 8 - Exposure Controls, Personal Protection

**8.1 Control parameters****8.2 Exposure controls****Appropriat engineering controls**

Mitigate the exposure using closed systems and ensuring sufficient general and local ventilation. Restrict access, if exposure is expected. Ensure staff training. Avoid contact with skin. Mitigate risks by wearing suitable gloves (tested as per EN374) and overalls to avoid skin contact; use respiratory protection where potential exposure is identified. Clean immediately if spilled. Perform periodic verification of product concentrations in ambient air and adjust to minimum permitted level.

**Personal protective equipment****Eye/face protection**

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Use breathing apparatus when the polluted concentration in the air is higher than the permissible threshold limit value.

**Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Section 9 - Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties**

Appearance	Form: liquid
	Colour: colorless
Odour	No data available
Odour Threshold	No data available
pH	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available

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Relative density	0.868 g/mL at 15 °C
Viscosity	0.8152
Flash Point	424°F
Partition coefficient: noctanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

**9.2 Other safety information**

Aniline point	98 °C
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Section 10 - Stability and Reactivity

**10.1 Reactivity**

Stable under normal temperatures and pressures.

**10.2 Chemical stability**

Stable under normal temperatures and pressures.

**10.3 Possibility of hazardous reactions**

strong oxidizing agents.

**10.4 Conditions to avoid**

Heat, flame, ignition or conditions that can cause static electricity.

**10.5 Incompatible materials**

Reactive with oxidizing agents, acids, alkalis, nitrates, chlorites, peroxide.

**10.6 Hazardous decomposition products**Carbon oxides (CO, CO<sub>2</sub>), nitrogen and sulfur oxides (NO<sub>x</sub>, SO<sub>x</sub>), particulate matter, aromatic, VOC's.

Section 11 - Toxicological Information

**11.1 Information on toxicological effects****Acute toxicity**

Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products.

Acute toxicity - oral: LD 50 expected to be above 2000 mg/kg

Acute toxicity - dermal: LD 50 expected to be above 2000 mg/kg

Acute toxicity - inhalation: Not considered to be an inhalation hazard under normal conditions of use.

**Skin corrosion/irritation**

Not expected to be irritant.

**Serious eye damage/eye irritation**

Not expected to be irritant.

**Respiratory or skin sensitisation**

Not expected to be a skin sensitizer.

**Germ cell mutagenicity**

Not expected to be a mutagen.

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**Carcinogenicity**

Product is composed of mineral oils of types shown to be noncarcinogenic in animal skin-painting studies. DMSO extract less than 3% (m/m) as measured by the IP346 method.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

## Section 12 - Ecological Information

**12.1 Toxicity*****Ecotoxicity***

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

**12.2 Persistence and degradability**

Not readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

**12.5 Other adverse effects**

No data available

## Section 13 - Disposal Considerations

**13.1 Waste treatment methods**

The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## Section 14 - Transport Information

**14.1 UN number**

ADR/RID: -

IMDG: -

IATA: -

**14.2 proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

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**14.3 Transport hazard class(es)**

ADR/RID: -

IMDG: -

IATA: -

**14.4 Packaging group**

ADR/RID: -

IMDG: -

IATA: -

**14.5 Environmental hazards**

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

**14.6 Special precautions for user****Further information**

No data available

## Section 15 - Regulatory Information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation of the Minister of Industry Number 23/MIND/PER/4/2013 concerning Amendments to Regulation of the Minister of Industry Number 87/M-IND/PER/9/2009 concerning the Globally Harmonized System of Classification and Labeling of Chemicals.

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MARPOL Annex I

## Section 16 - Additional Information

**Full text of H-Statements referred to under sections 2 and 3.**

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H350	May cause cancer.
H361	Suspected of damaging fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H413	May cause long-lasting harmful effects to aquatic life.

**National Fire Protection Association (U.S.A.):**

Health: 3

Flammability: 1

Reactivity: 0

**Revision history:**

Date	Rev	Description
12 December 24	00	-

**Further information**

*The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PT. Pancasakti Putra Kencana shall not be held liable for any damage resulting from handling or from contact with the above product.*