

MATERIAL SAFETY DATA SHEET According to regulation (EU)no.1907/2006		
WHITE OIL		
Revision : 00	Date: July 06 th , 2023	MSDS Number : 098



Section 1 - Chemical Product and Company Identification

- 1.1 Product Name** : **WHITE OIL**
Synonyms : white mineral oil (petroleum)
CAS No. : 8042-47-5
HS Code : -
Molecular Weight : -
Chemical Formula : -
Brand : PANCASAKTI
1.2 Manufacturer : **PT. Pancasakti Putra Kencana**
Address : Ruko Boulevard TamanTekno Blok E No.10 -11BSD SektorXI
 Serpong, Tangerang - Indonesia
Website : www.pancasakti.co.id
Email : 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

Aspiration hazard, Category 1 H304

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

Precautionary statement(s)

P102 -

Keep out of reach of children.

P301+P310 -

IF SWALLOWED: Immediately call a doctor, a POISON CENTER.

P331 -

Do NOT induce vomiting.

P405 -


Store locked up.

P501 -

Dispose of contents/container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Supplemental Hazard Statements

none

MATERIAL SAFETY DATA SHEET According to regulation (EU)no.1907/2006		
WHITE OIL 		
Revision : 00	Date: July 06 th , 2023	MSDS Number : 098

2.3 Other hazards

Other hazards not contributing to the classification : This product floats on water and may affect the oxygen-balance in the water. The base oil contains less than 3% DMSO-extract measured according IP 346, therefore it is NOT classified as T/R45: May cause cancer" (Note L).".

Section 3 - Composition, Information on Ingredients

3.1 Substances

Synonyms : White Oil
CAS-No. : 8042-47-5

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

Component	Classification	Concentration
White mineral oil (petroleum) CAS-No.: 8042-47-5 EC-No.: 232-455-8 REACH-no: 01-2119487078-27	Asp. Tox. 1, H304	<=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

If inhaled

After inhalation: fresh air. In case of skin contact

In case of skin contact:

Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

Suitable extinguishing media

Carbon dioxide (CO2) Foam Dry powder

MATERIAL SAFETY DATA SHEET According to regulation (EU)no.1907/2006		
WHITE OIL 		
Revision : 00	Date: July 06 th , 2023	MSDS Number : 098

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known. Combustible. Vapors are heavier than air and may spread along floors. Forms explosive mixtures with air on intense heating. Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

6.4 Reference to other sections

For disposal see section 13.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

For precautions see section 2.2.

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

Protected from light. Tightly closed. Recommended storage temperature see product label.

Storage class


Storage class (TRGS 510): 10: Combustible liquids

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

MATERIAL SAFETY DATA SHEET According to regulation (EU)no.1907/2006		
WHITE OIL 		
Revision : 00	Date: July 06 th , 2023	MSDS Number : 098

Ingredients with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
white mineral oil (petroleum)	8042-47-5	TWA	5 mg/m ³	Malaysia. Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

8.2 Exposure controls**Appropriat engineering controls**

Change contaminated clothing. Wash hands after working with substance.

Personal protective equipment**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

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.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material: Nitrile rubber
 Minimum layer thickness: 0.11 mm
 Break through time: 480 min
 Material tested: Dermatril® (KCL 740, Size M)

Splash contact

Material: Nitrile rubber
 Minimum layer thickness: 0.11 mm
 Break through time: 480 min
 Material tested: Dermatril® (KCL 740, Size M)

Body Protection

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

Respiratory protection

Not required; except in case of aerosol formation.

Control of environmental exposure

Do not let product enter drains.

MATERIAL SAFETY DATA SHEET

According to regulation (EU)no.1907/2006

**WHITE OIL**

Revision : 00

Date: July 06th, 2023

MSDS Number : 098

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Form: clear, liquid Colour: colourless
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/freezingpoint	No data available
Initial boiling point and boiling range	218 - 643 °C at 1,013 hPa.
Flash point	235 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available.
Vapour pressure	No data available.
Vapour density	No data available.
Relative density	0.86 g/cm ³ at 20 °C 0.878 g/cm ³ at 15 °C
Water solubility	No data available
Partition coefficient: octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Viscosity, kinematic: 52 mm ² /s at 40 °C Viscosity, dynamic: No data available
Explosive properties	No data available
Oxidizing properties	No data available.

9.2 Other safety information

No data available.

Section 10 - Stability and Reactivity

10.1 Reactivity

Forms explosive mixtures with air on intense heating. A range from approx. 15 Kelvin below the flash point is to be rated as critical.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature)

10.3 Possibility of hazardous reactions

Violent reactions possible with:

Strong oxidizing agents

Risk of explosion with:


Nitrates, chlorates, perchlorates

10.4 Conditions to avoid

Strong heating

10.5 Incompatible materials

Strong oxidizing agents

MATERIAL SAFETY DATA SHEET According to regulation (EU)no.1907/2006		
WHITE OIL 		
Revision : 00	Date: July 06 th , 2023	MSDS Number : 098

10.6 Hazardous decomposition products

In the event of fire: see section 5

Section 11 - Toxicological Information

11.1 Information on toxicological effects**Acute toxicity**

LD50 Oral - Rat - > 5,000 mg/kg

Remarks: (External MSDS)

LC50 Inhalation - Rat - 4 h - > 5 mg/l - dust/mist

Remarks: (External MSDS)

LD50 Dermal - Rabbit - > 2,000 mg/kg

Remarks: (External MSDS)

Skin corrosion/irritation

Skin - Rabbit

Result: No skin irritation

Remarks: (External MSDS)

Serious eye damage/eye irritation

Eyes - Rabbit

Result: No eye irritation

Remarks: (External MSDS)

Respiratory or skin sensitisation

Sensitisation test (Magnusson and Kligman): - Guinea pig

Result: negative (OECD Test Guideline 406)

Germ cell mutagenicity

Test Type: Ames test

Result: negative

Remarks: (External MSDS)

Test Type: Mutagenicity (mammal cell test): chromosome aberration.

Result: negative

Remarks: (External MSDS)

Carcinogenicity

Carcinogenicity - Did not show carcinogenic effects in animal experiments. (External MSDS)

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

MATERIAL SAFETY DATA SHEET

According to regulation (EU)no.1907/2006

**WHITE OIL**

Revision : 00

Date: July 06th, 2023

MSDS Number : 098

Additional Information

Repeated dose toxicity - Rabbit - Dermal - NOAEL (No observed adverse effect level) - 1,000 mg/kg

Remarks: Subacute toxicity (External MSDS) Repeated dose toxicity - Rat - Dermal - NOAEL (No observed adverse effect level) - > 2,000 mg/kg

Remarks: Subchronic toxicity (External MSDS) Repeated dose toxicity - Rat - Oral - NOAEL (No observed adverse effect level) - > 1,200 mg/kg

Section 12 - Ecological Information**12.1 Toxicity**

Toxicity to fish

LC50 - Leuciscus idus (Golden orfe) - > 1,000 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates - Daphnia magna

(Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae - Pseudokirchneriella subcapitata (green algae) - >= 100 mg/l - 72 h

(OECD Test Guideline 201)

12.2 Persistence and degradability

Biodegradability

Result: 31.3 % - Not readily biodegradable. (OECD Test Guideline 301F)

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available(Xylene)

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

Section 13 - Disposal Considerations**13.1 Waste treatment methods****Product**

Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging


Dispose of as unused product.

Section 14 - Transport Information**14.1 UN number**

ADR/RID: -

IMDG: -

IATA: -

MATERIAL SAFETY DATA SHEET According to regulation (EU)no.1907/2006		
WHITE OIL 		
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14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

Section 16 - Additional Information

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

Asp. Tox. 1 Aspiration hazard, Category 1

H304 May be fatal if swallowed and enters airways.

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

Health: 1

Flammability: 1

Reactivity: 0

Revision history :

Date	Rev	Description
July 6, 2023	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 Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.