

# MASSAGE OIL

## Safety Data Sheet

### 1. IDENTIFICATION

Product name: **MASSAGE OIL**

#### Synonyms

Light White Oil (Rajolwp80); RajolWp80 Light Liquid Paraffins; White mineral oil, petroleum; White Mineral Oils.; White spirits

**Product Code**  
368

**Recommended use:** Used in various applications such as cosmetics, pharmaceuticals, food and industrial products which require mineral oil

**Supplier Name** CLEAN PLUS CHEMICALS PTY LTD

**Address** 16 George Young Street AUBURN NSW 2144

**Telephone** 02 9738 7444

**Fax** 02 9644 1777

**Emergency** 1800 201 700

**Email** customerservice@cleanplus.com.au

**Web Site** www.cleanplus.com.au

**SDS Date** 22 September 2016 Version 1.1

### 2. HAZARD IDENTIFICATION

#### Poisons Schedule (Aust)

No Data Available

#### Globally Harmonised System

##### Hazard Classification

Not Determined

##### Hazard Categories

Aspiration Hazard - Category 1

##### Pictograms



##### Signal Word

Danger

##### Hazard Statements

**H304**

May be fatal if swallowed and enters airways.

##### Precautionary Statements

Response

**P301 + P310**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

**P331**

Do NOT induce vomiting.

Storage

**P405**

Store locked up.

Disposal

**P501**

Dispose of contents/container in accordance with local / regional / national / international regulations.

#### National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

##### Dangerous Goods Classification

NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients

Chemical Entity	Formula	CAS Number	Proportion
Refined Mineral Oils	No Data Available	8042-47-5	100.0 %
	No Data Available	128-37-0	0-0.002 %
	No Data Available	7695-91-2	0-0.002 %

### 4. FIRST AID MEASURES

#### Description of necessary measures according to routes of exposure

<b>Swallowed</b>	If swallowed immediately call a poisons centre or doctor / physician. Do NOT induce vomiting.
<b>Eye</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if discomfort persists.
<b>Skin</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur. See a physician for treatment of burn.
<b>Inhaled</b>	Not likely to occur except as a mist. Remove patient to fresh air and consult a physician. If breathing is difficult, give oxygen. Immediately get medical attention.
<b>Advice to Doctor</b>	Treat symptomatically based on judgement of doctor and individual reactions of patient.

#### Medical Conditions Aggravated by Exposure

No information available on medical conditions aggravated by exposure to this product.

### 5. FIRE FIGHTING MEASURES

<b>General Measures</b>	Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
<b>Flammability Conditions</b>	Product is a combustible liquid. Dry chemical, carbon dioxide, water, fog and foam. Note: Water, fog and foam may cause frothing and spattering.
<b>Extinguishing Media</b>	Do not use water jet as an extinguisher as this will spread the fire.
<b>Fire and Explosion Hazard</b>	Product is a combustible liquid.
<b>Hazardous Products of Combustion</b>	On combustion forms: Carbon dioxide (CO <sub>2</sub> ), Nitrogen oxides (NO <sub>x</sub> ), Carbon Monoxide, etc.
<b>Special Fire Fighting Instructions</b>	Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment.
<b>Personal Protective Equipment</b>	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves) or chemical splash suit.
<b>Flash Point</b>	>145 °C Open Cup
<b>Lower Explosion Limit</b>	No Data Available
<b>Upper Explosion Limit</b>	No Data Available
<b>Auto Ignition Temperature</b>	No Data Available
<b>Hazchem Code</b>	No Data Available

### 6. ACCIDENTAL RELEASE MEASURES

<b>General Response Procedure</b>	Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product as it may be slippery. Use clean, non-sparking tools and equipment.
<b>Clean Up Procedures</b>	Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. When saturated, collect the material and transfer to a suitable, labelled chemical waste container and dispose of promptly as hazardous waste.
<b>Containment</b>	Stop leak if safe to do so.

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### Environmental Precautionary Measures

Do not allow product to reach drains, sewers or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Authority.

**Evacuation Criteria** Evacuate all unnecessary personnel.

**Personal Precautionary Measures** Personnel involved in the clean up should wear full protective clothing as listed in section 8.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product vapours.
<b>Storage</b>	Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Store in a covered area away from sources of heat, ignition and sunlight. It is recommended that the drums be stored horizontally with bungs in 3 o'clock and 9 o'clock position, such that bungs area always immersed contamination from air humidity, rain, etc. This product is classified as a 'C1' Combustible Liquid for the purpose of storage and handling in accordance with the requirements of AS1940.
<b>Container</b>	Store in original packaging as approved by manufacturer.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>General</b>	Mineral Oil Mist: White Mineral Oil. CAS: 8042-47-5 TWA (Mist) ACGIH value is 5.0 mg/m <sup>3</sup> STEL (Mist) ACGIH value is 10.0 mg/m <sup>3</sup>
<b>Exposure Limits</b>	No Data Available
<b>Biological Limits</b>	No information available on biological limit values for this product.
<b>Engineering Measures</b>	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Adequate ventilation should be provided so that exposure limits are not exceeded. Local ventilation is needed if used in a manner that generates an airborne mist.  RESPIRATOR: If vapour and / or mist is generated by heating, spraying, etc, wear an organic vapour respirator with <b>Personal Protection Equipment</b> an approved mist filter (AS1715/1716). EYES: Wear safety glasses or goggles (AS1336/1337). HANDS: Use oil resistant gloves (AS2161). CLOTHING: Wear coveralls to minimise skin contact and contamination of personal clothing (AS3765/2210).
<b>Work Hygienic Practices</b>	No Data Available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Liquid
<b>Odour</b>	Odourless
<b>Colour</b>	Clear White
<b>pH</b>	No Data Available
<b>Vapour Pressure</b>	<0.01 mmHg (@ 20 °C)
<b>Relative Vapour Density</b>	No Data Available
<b>Boiling Point</b>	No Data Available
<b>Melting Point</b>	No Data Available
<b>Freezing Point</b>	No Data Available
<b>Solubility</b>	Insoluble 20°C

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**Specific Gravity** 0.815 g/mL - 0.840 g/mL

**Flash Point** >145 °C Open Cup

**Auto Ignition Temp** No Data Available

**Evaporation Rate** No Data Available

**Bulk Density** No Data Available

**Corrosion Rate** No Data

Available **Decomposition Temperature** No Data

Available **Density** No Data

Available

### Specific Heat

No Data Available

**Molecular Weight** No Data Available

**Net Propellant Weight** No Data

Available **Octanol Water Coefficient** No Data

Available **Particle Size** No Data

Available

**Partition Coefficient** No Data

Available **Saturated Vapour Concentration** No Data

Available **Vapour Temperature** No Data

Available

**Viscosity** No Data Available

**Volatile Percent** No Data Available

**VOC Volume** No Data Available

**Additional Characteristics** Kinematic viscosity @ 40 deg C: 7-20 mm<sup>2</sup>/s

**Potential for Dust Explosion** Product is a combustible liquid.

**Fast or Intensely Burning Characteristics**

**Flame Propagation or Burning Rate of Solid Materials**

**Non-Flammables That Could Contribute Unusual Hazards to a Fire**

**Properties That May Initiate or Contribute to Fire Intensity**

Product is a combustible liquid. No Data Available

No Data Available

No Data Available

**Reactions That Release Gases or Vapours** No Data Available

**Release of Invisible Flammable Vapours and Gases**

No Data Available

## 10. STABILITY AND REACTIVITY

**General Information** Combustible liquid.

**Chemical Stability** Product is stable under normal conditions of use, storage and temperature.

**Conditions to Avoid** Avoid direct contact with sunlight or ultraviolet light, heat, flames, sparks,

etc. **Materials to Avoid** Strong oxidising agents.

**Hazardous Decomposition Products**

On combustion forms carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), etc

**Hazardous Polymerisation** No Data Available

## 11. TOXICOLOGICAL INFORMATION

**General Information** Test results for acute toxicity based upon an analogy with a similar material are: Rat result > 5,000 mg/kg

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<b>Ingestion</b>	Ingestion is unlikely to have any toxic effects, but the product may act as an intestinal lubricant and result in diarrhea and frequent loose stools. If vomiting occurs aspiration may cause delayed pulmonary edema and chemical pneumonia.
<b>Inhalation</b>	Harmful by inhalation. May be fatal if swallowed and enters airways.
<b>Carcinogen Category</b>	No Data Available

### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No Data Available
<b>Persistence/Degradability</b>	Readily biodegradable, OECD 301B test - 67% based on similarly tested raw materials.
<b>Mobility</b>	The product is insoluble in water and mainly not volatile. In soil, mineral oil shows little mobility and absorption is the predominant physical process.
<b>Environmental Fate</b>	No Data Available
<b>Bioaccumulation Potential</b>	Models suggest that petroleum oils may bioaccumulate but the bioavailability / lower solubility may reduce this potential.
<b>Environmental Impact</b>	No Data Available

### 13. DISPOSAL CONSIDERATIONS

<b>General Information</b>	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.
<b>Special Precautions for Land Fill</b>	Contact a specialist disposal company or the local waste regulator for advice. Empty containers or liners may retain some product residues.

### 14. TRANSPORT INFORMATION

#### Land Transport (Australia) ADG

<b>Proper Shipping Name</b>	RajolWP80-LightWhiteOil USP
<b>Class</b>	C1 Combustible Liquids - Flash point 61 - 150°C
<b>Subsidiary Risk(s)</b>	No Data Available No Data Available
<b>UN Number</b>	No Data Available
<b>Hazchem</b>	No Data Available
<b>Pack Group</b>	No Data Available
<b>Special Provision</b>	No Data Available

#### Sea Transport IMDG

<b>Proper Shipping Name</b>	RajolWP80-LightWhiteOil USP
<b>Class</b>	No Data Available
<b>Subsidiary Risk(s)</b>	No Data Available
<b>UN Number</b>	No Data Available
<b>Hazchem</b>	No Data Available
<b>Pack Group</b>	No Data Available
<b>Special Provision</b>	No Data Available
<b>EMS</b>	No Data Available
<b>Marine Pollutant</b>	No

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### Air Transport IATA

Proper Shipping Name	RajolWP80-LightWhiteOil USP
Class	No Data Available
Subsidiary Risk(s)	No Data Available
UN Number	No Data Available
Hazchem	No Data Available
Pack Group	No Data Available
Special Provision	No Data Available

### National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification	NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
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## 15. REGULATORY INFORMATION

General Information	No Data Available
Poisons Schedule (Aust)	No Data Available

### National/Regional Inventories

Australia (AICS)	Listed
Canada (DSL)	Not Determined
Canada (NDSL)	Not Determined
China (IECSC)	Not Determined
Europe (EINECS)	Not Determined
Europe (REACH)	Not Determined
Japan (ENCS/METI)	Not Determined
Korea (KECI)	Not Determined
Malaysia (EHS Register)	Not Determined
New Zealand (NZIoC)	Not Determined
Philippines (PICCS)	Not Determined
Switzerland (Giffliste 1)	Not Determined
Switzerland (Inventory of Notified Substances)	Not Determined
Taiwan (NCSR)	Not Determined
USA (TSCA)	Not Determined

## 16. OTHER INFORMATION

### Additional Information

### ABBREVIATIONS:

ADB - Air-Dry Basis.  
BEI - Biological Exposure Indice(s)

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CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.  
CNS - Central Nervous System.  
EINECS - European Inventory of Existing Commercial Substances.  
GHS – Globally Harmonized System  
IARC - International Agency for Research on Cancer.  
M - moles per litre, a unit of concentration.  
mg/m<sup>3</sup> - Milligrams per cubic meter.  
NOS - Not Otherwise Specified.  
NTP - National Toxicology Program.  
OSHA - Occupational Safety and Health Administration.  
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).  
ppm - Parts Per Million.  
RTECS - Registry of Toxic Effects of Chemical Substances.  
TWA/ES - Time Weighted Average or Exposure Standard.

### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Clean Plus Chemicals report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Clean Plus Chemicals report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

### Report Status

This Safety Data Sheet document has been compiled by Clean Plus Chemicals. Further clarification regarding any aspect of this product should contact Clean Plus Chemicals directly. While Clean Plus Chemicals has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Clean Plus Chemicals accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.