

MASSAGE OIL

Safety Data Sheet

1. IDENTIFICATION

Product name: **MASSAGE OIL**

Synonyms

Light White Oil (Rajolwp80); Rajol Wp80 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

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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)

MASSAGE OIL

Safety Data Sheet

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	CAS Number	Proportion
Refined Mineral Oils	8042-47-5	100.0 %

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Swallowed	If swallowed immediately call a poisons centre or doctor / physician. Do NOT induce vomiting.
Eye	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.
Skin	If skin irritation occurs, stop using product. Consult doctor if needed.
Inhaled	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.
Advice to Doctor	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

General Measures	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.
Flammability Conditions	Product is a combustible liquid. Dry chemical, carbon dioxide, water, fog and foam. Note: Water, fog and foam may cause frothing and spattering.
Extinguishing Media	Do not use water jet as an extinguisher as this will spread the fire.
Fire and Explosion Hazard	Product is a combustible liquid.
Hazardous Products of Combustion	On combustion forms: Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Carbon Monoxide, etc.
Special Fire Fighting Instructions	Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment.
Personal Protective Equipment	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.
Flash Point	>145 °C Open Cup
Lower Explosion Limit	No Data Available
Upper Explosion Limit	No Data Available
Auto Ignition Temperature	No Data Available
Hazchem Code	No Data Available

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure	Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product as it may be slippery. Use clean, non-sparking tools and equipment.
Clean Up Procedures	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.
Containment	Stop leak if safe to do so.

MASSAGE OIL

Safety Data Sheet

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

Handling	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.
Storage	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.
Container	Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General	Mineral Oil Mist: White Mineral Oil. CAS: 8042-47-5 TWA (Mist) ACGIH value is 5.0 mg/m ³ STEL (Mist) ACGIH value is 10.0 mg/m ³
Exposure Limits	No Data Available
Biological Limits	No information available on biological limit values for this product.
Engineering Measures	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 Personal Protection Equipment 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).
Work Hygienic Practices	No Data Available

9. PHYSICAL AND CHEMICAL PROPERTIES

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

MASSAGE OIL

Safety Data Sheet

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 mm²/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 (CO₂), nitrogen oxides (NO_x), 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

MASSAGE OIL

Safety Data Sheet



Ingestion	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.
Inhalation	Harmful by inhalation. May be fatal if swallowed and enters airways.
Carcinogen Category	No Data Available

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

General Information	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.
Special Precautions for Land Fill	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

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

Sea Transport

IMDG

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
EMS	No Data Available
Marine Pollutant	No

MASSAGE OIL

Safety Data Sheet

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)

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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)

MASSAGE OIL

Safety Data Sheet



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/m³ - 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.