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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the Company

- 1.1. Product identifier  
1.1.1 Preparation name  
1.1.2 Trade name
- Soft Petrolatum, Pharmaceutical Grade  
PET-RAM WS 12/180-PET-RAM WS 12/180/B  
PARAFFIN 15-PET-RAM WS 9/180- PET-RAM WS7/180  
PET-RAM WS 5/180- PET-RAM WS 5/170  
PET-RAM S 9/180- PET-RAM S 5/180**
- 1.2. Relevant identified uses of the substance/mixture and use advised against
- Main uses: Cosmetic, Personal Care Products-  
Lubricants.
- 1.3. Details of the supplier of the safety data sheet
- RA.M.OIL S.p.A- plant: Via Filichito 16/a  
80013 Casalnuovo (Naples) - Ital  
Ph. +39 081 5195111 – Fax +39 081 8421079  
SDS reference person: R. Coscia  
e-mail: [coscia@ramoil.it](mailto:coscia@ramoil.it)
- 1.4. Emergency telephone number
- +39 081 5195111 (RA.M.OIL S.p.A.)

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### 2. Hazard identification

- 2.1. Classification of the mixture
- Not classified as hazardous, according to  
Directive 1999/45/EEC
- 2.1.1 Other classification:
- None
- 2.2. Label elements
- None
- 2.3. Other hazards
- None

### 3. Composition/information on ingredients

- 3.1. Substances Not applicable
- 3.2. Mixtures Mixture of White Mineral Oil, Pharmaceutical Grade and Microcrystalline Wax, Pharmaceutical Grade.

Nome	Identificatore del prodotto	%	Classificazione secondo le direttive 67/548/EEC
White mineral oil	EINECS 232-455-8 REACH registration number 01-2119487078-27-0015	55-70	Not classified
Petrolatum	EINECS 232-373-2 REACH registration number 01-2119490412-42-0017	30-45	Not classified

Nome	Identificatore del prodotto	%	Classificazione secondo la normativa (CE) n. 1272/2008 [EU-GHS/CLP]
White mineral oil	EINECS 232-455-8 REACH registration number 01-2119487078-27-0015	55-70	Not classified
Petrolatum	EINECS 232-373-2 REACH registration number 01-2119490412-42-0017	30-45	Not classified

See Section 16 for the full text of R, H e Eu-phrases mentioned above.

### 4. First-aid measures

- 4.1. Description of first aid measures
- 4.1.1 Inhalation If an exposure to high-concentrated fumes of melted product occurs, move the patient to fresh air. If liquid is inhaled, take to hospital immediately.
- 4.1.2 Skin contact In case of hot product burns, cool the liquid material quickly with plenty of water.
- 4.1.3 Eye contact Immediately flush eyes with large amounts of water. Take to hospital immediately.
- 4.1.4 Ingestion Do not induce vomiting. Call a physician.



- 4.2. Most important symptoms and effects, both acute and delayed
- 4.3. Indication of any immediate medical attention and special treatment needed

Molten product may be cause burns.

Depending on the exposure level to fumes of melted product, it is recommended periodical medical checks.

## 5. Firefighting measures

- 5.1. Extinguishing media
  - 5.1.2 Recommended
  - 5.1.3 Forbidden
- 5.2. Special hazards arising from the substance or mixture
- 5.3. Advice for firefighters
  - 5.3.1 Personnel equipment
  - 5.3.2 Other recommendations

Carbon Dioxide, foams, powders.  
Water jets.

In case of combustion, it may generate dangerous smokes of carbon monoxide, carbon dioxide, unburnt hydrocarbon flue gas and other pyrolysis products.

Oxygen breathing set and protective clothes.  
Cool the tanks by water jet.

## 6. Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedure
- 6.2. Environmental precaution
- 6.3. Methods and material for containment and clearing up

Avoid vapour inhalation of hot petrolatum. Remove ignition sources, provision sufficient ventilation. Wear suitable protective equipment to prevent any contact of skin, eyes and skin with molten product.

Do not allow product to enter sewers or watercourses. Notify appropriate authorities in case of spill/leakage.

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| 6.3.1 | Advice to contain a spill   | Dike area of spill, and let the product solidify.  |
| 6.3.2 | Advice to clean-up a spill  | Remove with any appropriate equipment the solidified wax and transfer into containers for latter recovery or disposal. |
| 6.4.  | Reference to other sections | See Sections 8 and 13.   |

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## **7. Handling and Storage**

### 7.1. Precautions for safe handling

#### 7.1.1 Recommendations

Prevent fumes and mists of melted product from generating.  
Avoid contact with molten product.  
Reduce the release of substance to the environment.

#### 7.1.2 Advice on general occupational hygiene

Don't have any food and beverage in working area. It is recommended to wash hands after use.  
Undress contaminated safety equipment before having any food.

#### 7.2. Condition for safe storage, including any incompatibilities

Keep containers closed when not in use.  
Do not store open and unlabelled containers. Keep away from flammable materials.  
Do not store the melted wax near  
Do not store near sources of sparks, open flames and strong oxidizing agents.

#### 7.3. Specific end use

Not available

## 8. Exposure control/personal protection

8.1.	Control parameter	
8.1.1	National limit values	
8.1.1.1	National occupational exposure limit in accordance with Directive 98/24/EC	TLV-TWA (A.G.C.I.H), hot product fumes: 2 mg/m <sup>3</sup>
8.1.1.2	National occupational exposure limit values in accordance with Directive 2004/37/EC	Not applicable
8.1.1.3	Any other national occupational exposure limit value	None
8.1.1.4	National biological limit values in accordance with Directive 98/24/EC	Not applicable
8.1.1.5	Any other national biological limit values	Not applicable
8.1.2	Information recommended monitoring procedures provided for the most relevant substances	Not available
8.1.3	Occupational exposure limit values and/or biological limit values for these	Not applicable
8.1.4	Relevant DNELs and PNECs	Not applicable
8.1.5	Risk management measures	Not applicable
8.2.	Exposure controls	
8.2.1	Appropriate engineering controls	Prevent mist or aerosol of melted product from generating.
8.2.2	Individual protection measures, such as personal protective equipment	
8.2.2.1	Eye/face protection	Goggles are suggested.
8.2.2.2	Skin protection	Wear standard working clothing.
8.2.2.3	Respiratory protection	Not necessary under normal use conditions.
8.2.2.4	Hand protection	High temperature gloves are suggested.
8.2.3	Environmental exposure controls	Do not allow product to soak the soil or enter sewers or watercourses.

## 9. Physical and chemical properties

9.1.	Information on basic physical and chemical properties	
9.1.1	Appearance	
9.1.1.1	Physical state at 20°C and 1013 hPa	Solid
9.1.1.2	Colour	From snow white to light yellow
9.1.2	Odour	None
9.1.3	Odour threshold	Not applicable
9.1.4	pH	Not applicable
9.1.5	Melting point	45 to 65°C
9.1.6	Initial boiling point	>300°C
9.1.7	Flash point	>180°C
9.1.8	Evaporation rate	Not applicable
9.1.9	Flammability (solid, gas)	Not flammable
9.1.10	Upper/lower flammability or explosive limits	Not applicable
9.1.11	Vapour pressure at 20°C	Negligible
9.1.12	Vapour density	Not applicable
9.1.13	Relative density at 15°C	855 to 870 Kg/m <sup>3</sup>
9.1.14	Solubility in water	Negligible
9.1.15	Partition coefficient : n-octanol/water	Not applicable
9.1.16	Auto-ignition temperature	>325 °C
9.1.17	Decomposition temperature	Not applicable
9.1.18	Viscosity at 100°C	4.5 to 14.0 mm <sup>2</sup> /s
	Explosive properties	Not applicable
9.1.19	Oxidising properties	Not applicable
9.2.	Other Information	
9.2.1	Miscibility	Complete, in hydrocarbons and most of organic solvents at melting temperature of the product.

## 10. Stability and reactivity

10.1.	Reactivity	Not reactive.
10.2.	Chemical stability	The product is stable under normal use and storage conditions.
10.3.	Possibility of hazardous reactions	None.
10.4.	Condition to avoid	Avoid exposure to heat, especially in closed containers.
10.5.	Incompatible materials	Strong oxidizing agents.
10.6.	Hazardous decomposition products	None.

## 11. Toxicological information

11.1.	Information on toxicological effects	
11.1.1	Acute toxicity	LD <sub>50</sub> (oral): > 5000 mg/Kg bw (not toxic) LD <sub>50</sub> (dermal): > 2000 mg/Kg bw (not toxic)
11.1.2	Skin corrosion/irritation	Not corrosive/not irritating
11.1.3	Serious eye damage/irritation	Not corrosive/not irritating
11.1.4	Respiratory or skin sensitisation	Not sensitising
11.1.5	Germ cell mutagenicity	Genetic toxicity: negative
11.1.6	Carcinogenicity	Not carcinogenic via oral, dermal or inhalation exposures.
11.1.7	Reproductive toxicity	Not reproductive toxicant (OECD 421) (route:oral): NOAEL: 1000 mg/Kg bw/day

## 12. Ecological information

12.1.	Toxicity	Not toxic
12.2.	Persistence and degradability	Inherently biodegradable, but not readily biodegradable; moderately persistent, particularly in anaerobic conditions.
	Bioaccumulative potential	The solubility of the product in water is negligible, so its bio-availability to aquatic organisms is minimal and the bio-accumulation is unlikely.
12.3.	Mobility in soil	Not available
12.4.	Results of PBT and vPvB assessment	Not classified as PBT or vPvB substance
12.5.	Other adverse effects	None

## 13. Disposal information

All disposals must comply with Community regulations on this issue except for different National or Regional provisions.

13.1.	Waste treatment methods	Do not dispose of the product, either new or used by discharging into sewers, tunnels, lakes, or water courses. Deliver to a qualified official
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collector.

According to the actual use, this product can be classified with different codes. It is not possible to give a general classification: the user has the responsibility of choosing the right code, considering the actual use of the product, alterations and contaminations.

13.2. Disposal of packaging

Dispose of in a safe manner, in accordance with local regulations.

Do not cut, weld, drill, burn or incinerate empty containers or drums unless they have been cleaned and declared safe.

**14. Transport information**

14.1.	UN number	Not applicable
14.2.	UN proper shipping number	Not applicable
14.3.	Transport hazard class	Does not belong to any class of danger.
14.4.	Packing group	Not applicable
14.5.	Environmental hazards	None
14.6.	Special precautions for user	None
14.7.	Transport in bulk according to annex II of MARPOL 73/78 and the IBC Code	Not applicable

**15. Regulatory information**

15.1.	Safety, health and environmental regulations/legislation specific for the substance or mixture	National laws on classification and labelling of dangerous substances (Adoption of Directive 67/548/CE and subsequent Adaptation to Technical Progress, Regulation 1272/2008/CE and subsequent amendments) National adoption of Directives 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 97/42/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2003/10/CE, 2003/18/CE.
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| 15.2. | Chemical safety assessment | <p>Relevant national laws on recycling and re-use of waste materials.</p> <p>Relevant national laws on prevention of water Pollution.</p> <p>Not applicable</p> |
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## 16. Other information

- 16.1. Additional Data  
 The petrolatums and mineral oils used for this final product show a PAH content (Polycyclic Aromatic Hydrocarbon), according to IP 346 method, «3%.  
 They are not classified as carcinogenic according to the Directive 67/548/EEC and subsequent amendments and Regulation 1278/2008/EC (CLP) and subsequent amendments.
- 16.2. References to regulations on Material Safety Data Sheet issuing.  
 This sheet has been compiled in compliance with Regulation (EC) 1907/2006-REACH and subsequent amendments, with Directive (EC) 67/548 and subsequent amendments, with Directive 1999/45/EEC and in compliance with Regulation (EC) 1272/2008-CLP and subsequent amendments.
- 16.3. Revision  
 This safety sheet has been updated according to the latest Community directives as far as new regulation references and data are concerned.
- 16.4. Full text of R, H e EUH-phrases:

None	
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The information contained in this data sheet is considered to be accurate as of the revision date specified below. They have an informative purpose only and it is the user's obligation to evaluate and use this product properly.  
 RA.M.OIL S.p.A. shall not be responsible for abnormal use of the material and does not guarantee its specific properties.