

## MATERIAL SAFETY DATA SHEET (In accordance with Regulations (EC) no. 453/2010)

### Microwax MA

Date: January 2016  
S.REACH.NLD.EN

#### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

##### 1.1. Product Identifier

<b>Product name</b>	Microwax MA
<b>Chemical Name</b>	petrolatum
<b>Other means of identification</b>	Not Available
<b>CAS number</b>	8009-03-8
<b>EC number</b>	232-373-2
<b>REACH registration Nr.</b>	01-2119490412-42-0007

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<b>Product Category Chemical</b>	PC29	Pharmaceuticals
	PC39	Cosmetics, personal care products
<b>Sectors of Use</b>	SU21	Consumer uses: Private households (= general public = consumers)
	SU3	Industrial uses: Uses of substances as such or in preparations* at industrial sites
<b>Relevant identified uses</b>	High purity Petrolatum is typically used as a blending base in a variety of applications including cosmetic, pharmaceutical, food and general industries	
<b>Uses advised against</b>	Not Applicable	

##### 1.3. Details of the supplier of the safety data sheet

<b>Registered company name</b>	Sonneborn Refined Products B.V.
<b>Address</b>	Mainhavenweg 6, 1043 AL Amsterdam - The Netherlands
<b>Telephone</b>	+31-20-6117475
<b>Fax</b>	+31-20-6111170
<b>Website</b>	www.sonneborn.com
<b>Email</b>	QEHS@Sonneborn.com

##### 1.4. Emergency telephone number

<b>Association / Organisation</b>	Not Available
<b>Emergency telephone numbers</b>	+31-20-6117475

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Other emergency  
telephone numbers

Not Available

## SECTION 2 HAZARDS IDENTIFICATION

## 2.1. Classification of the substance or mixture

Not considered a dangerous substance according to Reg. (EC) No 1272/2008 and its amendments. Not classified as Dangerous Goods for transport purposes.

Classification  
according to  
regulation (EC) No  
1272/2008 [CLP] <sup>[1]</sup>

Not Applicable

## 2.2. Label elements

## CLP label elements

Not Applicable

## SIGNAL WORD

**NOT APPLICABLE**

## 2.3. Other hazards

REACH - Art.57-59: The mixture does not contain Substances of Very High Concern (SVHC) at the SDS print date.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

## 3.1. Substances

1.CAS No 2.EC No 3.Index No 4.REACH No	%[weight]	Name	Classification according to regulation (EC) No 1272/2008 [CLP]
1.8009-03-8 2.232-373-2 3.649-254-00-X 4.01-2119490412-42-0007	100	<u>Petrolatum</u>	Not Applicable

**Legend:** 1. Classified by Chemwatch; 2. Classification drawn from EC Directive 67/548/EEC - Annex I; 3. Classification drawn from EC Directive 1272/2008 - Annex VI 4. Classification drawn from C&L

## 3.2. Mixtures

See 'Information on ingredients' in section 3.1

## SECTION 4 FIRST AID MEASURES

## 4.1. Description of first aid measures

<b>Eye Contact</b>	<p>If this product comes in contact with eyes: <b>(WHEN MOLTEN ONLY)</b></p> <ul style="list-style-type: none"> <li>‣ Wash out immediately with water.</li> <li>‣ If irritation continues, seek medical attention.</li> <li>‣ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
<b>Skin Contact</b>	<p>If skin or hair contact occurs: <b>(WHEN MOLTEN ONLY)</b></p> <ul style="list-style-type: none"> <li>‣ Flush skin and hair with running water (and soap if available).</li> <li>‣ Seek medical attention in event of irritation.</li> </ul>

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Inhalation	<ul style="list-style-type: none"> <li>Other measures are usually unnecessary.</li> </ul>
Ingestion	<ul style="list-style-type: none"> <li><b>WHEN MOLTEN ONLY:</b> Immediately give a glass of water.</li> <li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>

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

See Section 11

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

Treat symptomatically

**SECTION 5 FIREFIGHTING MEASURES****5.1. Extinguishing media**

	<ul style="list-style-type: none"> <li><b>Do NOT direct a solid stream of water or foam into burning molten material; this may cause spattering and spread the fire.</b></li> <li>Foam</li> <li>Dry chemical powder.</li> <li>BCF (where regulations permit).</li> <li>Carbon dioxide.</li> <li>Water spray or fog - Large fires only.</li> </ul>
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**5.2. Special hazards arising from the substrate or mixture**

Fire Incompatibility	<ul style="list-style-type: none"> <li>Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result</li> </ul>
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**5.3. Advice for firefighters**

Fire Fighting	<ul style="list-style-type: none"> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear breathing apparatus plus protective gloves.</li> </ul>
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**SECTION 6 ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

See section 8

**6.2. Environmental precautions**

See section 12

**6.3. Methods and material for containment and cleaning up**

Minor Spills	<ul style="list-style-type: none"> <li>Clean up all spills immediately.</li> <li>Avoid contact with eyes.</li> <li>Wear safety glasses.</li> </ul>
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**6.4. Reference to other sections**

Personal Protective Equipment advice is contained in Section 8 of the SDS.

**SECTION 7 HANDLING AND STORAGE****7.1. Precautions for safe handling**

Safe handling	<ul style="list-style-type: none"> <li>The greatest potential for injury caused by molten materials occurs during purging of machinery (moulders, extruders etc.) It is essential that workers in the immediate area of the machinery wear eye and skin protection (such as full face, safety glasses, heat resistant gloves, overalls and safety boots) as protection from thermal burns.</li> </ul>
Fire and explosion protection	See section 5
Other information	<ul style="list-style-type: none"> <li>Store in original containers.</li> <li>Keep containers securely sealed.</li> </ul>

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- Store in a cool, dry area protected from environmental extremes.

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

<b>Suitable container</b>	<ul style="list-style-type: none"> <li>Lined metal can, lined metal pail/ can.</li> <li>Plastic pail.</li> <li>Polyliner drum.</li> <li>Packing as recommended by manufacturer.</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul>
<b>Storage incompatibility</b>	<p>Avoid contamination of water, foodstuffs, feed or seed.</p> <p><b>CARE:</b> Water in contact with heated material may cause foaming or a steam explosion with possible severe burns from wide scattering of hot material. Resultant overflow of containers may result in fire.</p> <ul style="list-style-type: none"> <li>Avoid reaction with oxidising agents</li> </ul>

## 7.3. Specific end use(s)

See section 1.2

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters


#### DERIVED NO EFFECT LEVEL (DNEL)

Not Available

#### PREDICTED NO EFFECT LEVEL (PNEC)

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

### 8.2. Exposure controls

<b>8.2.1. Appropriate engineering controls</b>	<p><b>For molten materials:</b> Provide mechanical ventilation; in general such ventilation should be provided at compounding/ converting areas and at fabricating/ filling work stations where the material is heated. Local exhaust ventilation should be used over and in the vicinity of machinery involved in handling the molten material. Keep dry!!</p>
<b>8.2.2. Personal protection</b>	
<b>Eye and face protection</b>	<ul style="list-style-type: none"> <li><b>For molten materials:</b> Safety glasses with side shields</li> <li><b>For molten materials:</b> Chemical goggles.</li> </ul>
<b>Skin protection</b>	See Hand protection below
<b>Hands/feet protection</b>	<b>For molten materials:</b> Select gloves tested to a relevant standard ( Europe EN 374, US F739, AS/NZS 2161.1 or national equivalent).
<b>Body protection</b>	See Other protection below
<b>Other protection</b>	<ul style="list-style-type: none"> <li>When handling hot or molten liquids, wear trousers or overalls outside of boots, to avoid spills entering boots. Usually handled as molten liquid which requires worker thermal protection and increases hazard of vapour exposure.</li> <li><b>CAUTION: Vapours may be irritating.</b></li> </ul> <p>No special equipment needed when handling small quantities.</p>
<b>Thermal hazards</b>	Not Available

### Respiratory protection

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

### 8.2.3. Environmental exposure controls

See section 12

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	white, almost white, translucent soft unctuous mass
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<b>Physical state</b>	Semi solid	<b>Density (g/cm<sup>3</sup> at 100°C)</b>	0,79 – 0,85
<b>Odour</b>	None	<b>Partition coefficient n-octanol / water</b>	Not Available
<b>Odour threshold</b>	Not Available	<b>Auto-ignition temperature (°C)</b>	Not Available
<b>pH (as supplied)</b>	Not Applicable	<b>Decomposition temperature</b>	Not Available
<b>Drop Melting point (°C)</b>	38 – 80 - ASTM D 127	<b>Kin. Viscosity</b>	5 – 30 mm <sup>2</sup> /s at 100°C
<b>Initial boiling point and boiling range (°C)</b>	300 - 800	<b>Molecular weight (g/mol)</b>	Not Applicable
<b>Flash point (°C)</b>	>170°C – ASTM D 93	<b>Taste</b>	Not Applicable
<b>Evaporation rate</b>	Not Applicable	<b>Explosive properties</b>	Not Available
<b>Flammability</b>	Not Applicable	<b>Oxidising properties</b>	Not Available
<b>Upper Explosive Limit (%)</b>	Not Available	<b>Surface Tension (dyn/cm or mN/m)</b>	Not Available
<b>Lower Explosive Limit (%)</b>	Not Available	<b>Volatile Component (%vol)</b>	Not Available
<b>Vapour pressure (hPa)</b>	<0,1 at 20°C	<b>Gas group</b>	Not Available
<b>Solubility in water (g/L)</b>	Immiscible	<b>pH as a solution (1%)</b>	Not Applicable
<b>Vapour density (Air = 1)</b>	Not Available	<b>VOC g/L</b>	Not Applicable

## 9.2. Other information

	Not Available
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## SECTION 10 STABILITY AND REACTIVITY

<b>10.1.Reactivity</b>	See section 7.2
<b>10.2.Chemical stability</b>	Product is considered stable and hazardous polymerisation will not occur.
<b>10.3. Possibility of hazardous reactions</b>	See section 7.2
<b>10.4. Conditions to avoid</b>	See section 7.2
<b>10.5. Incompatible materials</b>	See section 7.2
<b>10.6. Hazardous decomposition products</b>	See section 5.3

## SECTION 11 TOXICOLOGICAL INFORMATION

## 11.1. Information on toxicological effects

Acute toxicity: Not classified

<b>WHITE PETROLEUM JELLY SNOWWHITE EC</b>	Petrolatum	Petrolatum
	LD 50 oral rat : > 5000 mg/kg	LD dermal rat > 2000 mg/kg

## SECTION 12 ECOLOGICAL INFORMATION

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**12.1. General: When used and handled according to specifications, product does not have any harmful effects according to our experience and the information provided**

**12.2. Persistence and degradability**

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Data available for all ingredients	No Data available for all ingredients

**12.3. Bioaccumulative potential**

Ingredient	Bioaccumulation
	No Data available for all ingredients

**12.4. Mobility in soil**

Ingredient	Mobility
	No Data available for all ingredients

**12.5. Results of PBT and vPvB assessment: *Substance is not PBT/vPvB***

**12.6. Other adverse effects**

No data available

**SECTION 13 DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

<b>Product / Packaging disposal</b>	Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
<b>Waste treatment options</b>	Not Available
<b>Sewage disposal options</b>	Not Available

**SECTION 14 TRANSPORT INFORMATION**

**Labels Required**

<b>Marine Pollutant</b>	NO
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**Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Air Transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Inland waterways transport (ADN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS**

**Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code**

Source	Ingredient	Pollution Category
IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk	petrolatum	Y

**SECTION 15 REGULATORY INFORMATION**

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

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**PETROLATUM(8009-03-8\*) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

EU REACH Regulation (EC) No 1907/2006 - Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

EU REACH Regulation (EC) No 1907/2006 - Annex XVII (Appendix 2)  
Carcinogens: category 1B (Table 3.1)/category 2 (Table 3.2)

European Customs Inventory of Chemical Substances ECICS (English)  
European Trade Union Confederation (ETUC) Priority List for REACH Authorisation

European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)

European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances - updated by ATP: 31 European Union (EU) Annex I to Directive 67/548/EEC on Classification and Labelling of Dangerous Substances (updated by ATP: 31) - Carcinogenic Substances

European Union (EU) Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures - Annex VI International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

Netherlands Occupational Exposure Limits (Dutch)

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - : 67/548/EEC, 1999/45/EC, 98/24/EC, 92/85/EC, 94/33/EC, 91/689/EEC, 1999/13/EC, Commission Regulation (EU) 2015/830, Regulation (EC) No 1272/2008 and their amendments as well as the following British legislation: - The Control of Substances Hazardous to Health Regulations (COSHH) 2002 - COSHH Essentials - The Management of Health and Safety at Work Regulations 1999

**15.2. Chemical safety assessment**

For further information please look at the Chemical Safety Assessment and Exposure Scenarios prepared by your Supply Chain if available.

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (petrolatum)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	N (petrolatum)
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
<b>Legend:</b>	Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

**SECTION 16 OTHER INFORMATION****Full text Risk and Hazard codes****Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

[www.chemwatch.net](http://www.chemwatch.net)

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EU CEN Standards:

EN 166 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices