

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.12.2013

Revision: 09.09.2013

### 1 Identification of the substance/mixture and of the company/undertaking

**Product identifier****Trade name:** Plusmix WAX-00110**Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the preparation** Additive**Details of the supplier of the safety data sheet****Manufacturer/Supplier:**Gildewerk B.V.  
Jan van Geunsweg 10A  
2031 BD Haarlem  
The NetherlandsTel. +31 - (0)23 - 532 22 55  
Fax +31 - (0)23 - 534 09 65  
E-mail holland@gildewerk.com  
www.gildewerk.com

### 2 Hazards identification

**Classification of the substance or mixture****Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.**Information concerning particular hazards for human and environment:** Warning! Hot melt.**Label elements****Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

**Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

### \* 3 Composition/information on ingredients

**Chemical characterization: Substances****CAS No. Description**

CAS: 8002-74-2	Paraffin waxes and hydrocarbon waxes
EINECS: 232-315-6	substance with a Community workplace exposure limit
Reg.nr.: 01-2119488076-30-0007	

Fatty acids

**Chemical characterization: Mixtures****Description:** Mixture: consisting of the following components.**Dangerous components:** Void

### 4 First aid measures

**Description of first aid measures****General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** After contact with the molten product, cool rapidly with cold water.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** If symptoms persist consult doctor.**Information for doctor:****Most important symptoms and effects, both acute and delayed** No further relevant information available.

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**Indication of any immediate medical attention and special treatment needed** No further relevant information available.

### \* 5 Firefighting measures

**Extinguishing media****Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

Water haze

Water spray

Foam

Fire-extinguishing powder

Carbon dioxide

Sand

**For safety reasons unsuitable extinguishing agents:** Water with full jet**Special hazards arising from the substance or mixture** No further relevant information available.**Advice for firefighters****Protective equipment:** No special measures required.

### 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Remove persons from danger area.

Particular danger of slipping on leaked/spilled product.

**Environmental precautions:** No special measures required.**Methods and material for containment and cleaning up:** Pick up mechanically.**Reference to other sections** No dangerous substances are released.

### 7 Handling and storage

**Handling:****Precautions for safe handling** No special measures required.**Information about fire - and explosion protection:**

No special measures required.

Fumes can combine with air to form an explosive mixture.

**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Solid:

Store in dry conditions.

Store in a cool place.

Protect from exposure to the light.

**Storage class:** 11**Specific end use(s)** No further relevant information available.

### \* 8 Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.**Control parameters****Ingredients with limit values that require monitoring at the workplace:****8002-74-2 Paraffin waxes and hydrocarbon waxes (50-100%)**WEL Short-term value: 6 mg/m<sup>3</sup>Long-term value: 2 mg/m<sup>3</sup>**Additional information:** The lists valid during the making were used as basis.

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**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:**

Use suitable respiratory protective device only when aerosol or mist is formed.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter P2

**Protection of hands:** Oil resistant gloves

**Material of gloves:** Nitrile

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses

## \* 9 Physical and chemical properties

**Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form:</b>	Solid
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not applicable.

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Congeaing point:</b>	55-57 °C

**Flash point:** > 100 °C

**Flammability (solid, gaseous):** Not determined.

**Ignition temperature:** 300 °C

**Decomposition temperature:** Not determined.

**Self-igniting:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits:**

<b>Lower:</b>	Wax dust / powder > 15 g/m <sup>3</sup>
<b>Upper:</b>	Wax dust / powder: > 1000 g/m <sup>3</sup>

**Vapour pressure at 20 °C:** 0 hPa

**Density:** Not determined.

**Bulk density at 20 °C:** 400-500 kg/m<sup>3</sup>

**Relative density:** Not determined.

**Vapour density:** Not applicable.

**Evaporation rate:** Not applicable.

**Solubility in / Miscibility with**

**water:** Insoluble.

**Partition coefficient (n-octanol/water):** Not determined.

**Viscosity:**

**Dynamic:** Not applicable.

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**Kinematic:**  
**Other information**

Not applicable.  
No further relevant information available.

### \*10 Stability and reactivity

**Reactivity**

**Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

### \*11 Toxicological information

**Information on toxicological effects**

**Acute toxicity:**

**LD/LC50 values relevant for classification:**

Oral LD50 > 2000 mg/kg (rat)

**Primary irritant effect:**

**on the skin:** No irritant effect.

**on the eye:** No irritating effect.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

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

The substance is not subject to classification according to the latest version of the EU lists.

### \*12 Ecological information

**Toxicity**

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** The product is not easily, but potentially biodegradable.

**Behaviour in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:** Generally not hazardous for water

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

### 13 Disposal considerations

**Waste treatment methods**

**Recommendation**

Can be reused after reprocessing.

Smaller quantities can be disposed of with household waste.

**European waste catalogue**

05 01 06\* oily sludges from maintenance operations of the plant or equipment

07 01 99 wastes not otherwise specified

12 01 12\* spent waxes and fats

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**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.

### \* 14 Transport information

**UN-Number****ADR**

UN3257

**IMDG, IATA**

Void

**UN proper shipping name****ADR**

3257 ERWÄRMTER FLÜSSIGER STOFF, N.A.G.

**IMDG, IATA**

Void

**Transport hazard class(es)****ADR****Class**

9 Miscellaneous dangerous substances and articles.

**Label**

9

**IMDG, IATA****Class**

Void

**Packing group****ADR**

III

**IMDG, IATA**

Void

**Environmental hazards:****Marine pollutant:**

No

**Special precautions for user**

Warning: Miscellaneous dangerous substances and articles.

**Danger code (Kemler):**

99

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

Not applicable.

**Transport/Additional information:****ADR****Limited quantities (LQ)**

0

**Transport category**

3

**Tunnel restriction code**

D

**Remarks:**

Products &lt; 100 °C are no hazardous goods / class 9 does not apply.

**IATA****Remarks:**

Carriage by air of heated fluid product is not expected.

### \* 15 Regulatory information

**Safety, health and environmental regulations/legislation specific for the substance or mixture****Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

**Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**Department issuing MSDS:** Product safety department, Sasol Wax GmbH, Hamburg, Germany

**\* Data compared to the previous version altered.**

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