



## Safety Data Sheet

based on wax acid, - esters and long chained hydrocarbons		
Complex mixture of wax esters, wax acids, wax alcohols, and natural hydrocarbons mainly	8006-44-8	232-347-0

### **SECTION 4: First Aid Measures**

#### **4.1 Description of first aid measures**

##### 4.1.1 General information:

Remove contaminated clothing.

##### *After inhalation:*

In case of discomfort seek for medical attention. Rest. Inhale fresh air.

##### *After skin contact:*

Wash skin with water and soap. Burns from molten wax must be treated by a physician.

##### *After eye contact:*

Remove solid particle and wash off open lid with plenty of water.

##### *Ingestion:*

Rinse mouth immediately. Do not induce vomiting. Seek for medical attention if problems persist.

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

Refer to Section 11 – Toxicological information

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

Not applicable

### **SECTION 5: Fire Prevention Regulations**

#### **5.1 Extinguishing media**

##### *Suitable extinguishing agents:*

Carbon dioxide, dry chemical, foam, sand

##### *Unsuitable extinguishing agents:*

Water

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### 5.2 Special hazards arising from the substance or mixture

Not known

### 5.3 Advice for firefighters

Self-contained breathing apparatus (SBA) and full protective equipment is recommended.

## ***SECTION 6: Accidental Substance Release Regulations***

### 6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8.

### 6.2 Environmental precautions

Do not allow to drains, water courses or soil.

### 6.3 Methods and material for containment and cleaning up

Hot product: Allow product to cool down and collect mechanically.

Cold product: Collect in suitable containers for recycling or disposal.

### 6.4 Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.

## ***SECTION 7: Handling and storage***

### 7.1 Precautions for safe handling

Take precaution against electrostatic charge. Do not store near heaters. Product only form ignitable compositions or burn, if heated up to temperatures higher than flash point.

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

Store in cool and dry place away from direct sunlight. Do not store with strong oxidizing agents.

### 7.3. Specific end use(s)

No specific end use.

## ***SECTION 8: Exposure controls/personal protection***

### 8.1 Control parameters

No work place exposure level listed.

### 8.2 Exposure controls

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Hot product: Avoid forming of wax vapour. If this is not possible provide proper air ventilation.

### *Personal protective equipment*

#### *General protection and hygienic measures:*

Usual precaution for proper handling of chemicals should be observed. After work, before

meal breaks, clean wax soiled skin by water and emollient cleaning agent/soap. Avoid inhalation of wax vapour.

#### *Breathing equipment:*

Against strong wax fume use mask A2, A2/P2 or ABEK.

#### *Protection of hands:*

By extended contact with hot wax wear protective gloves. Observe information of the glove manufacturer on permeability or breakthrough times and other workplace requirements.

#### *Eye protection:*

Protective goggles; at danger of splashes additional face mask.

### **SECTION 9: Physical and chemical properties**

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

<b>Form</b>	solid
<b>Colour</b>	pink
<b>Odour</b>	odourless
<b>Dropping point</b>	60°C-70°C DIN 51801
<b>Penetration</b>	[0,1mm] DIN 51579
<b>Flash point</b>	> 180°C
<b>Ignition point</b>	n.a.
<b>Solubility in water</b>	insoluble

#### **9.2 Other information**

No other information

### **SECTION 10: Stability and reactivity**

#### **10.1 Reactivity**

No specific test data related to reactivity available for this product.

#### **10.2 Chemical stability**

In the product form is stable under normal storage and handling conditions.

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### 10.3 Possibility of hazardous reaction

No hazardous reaction when handled and stored according to provisions.

### 10.4 Conditions to avoid

Prevent contact with oxidants and flour.

### 10.5 Incompatible materials

None.

### 10.6 Hazardous decomposition products

None at normal storing and work conditions.

## **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

LD 50 > 2000 mg/kg (rat) (literature data for raw material)

## **SECTION 12: Ecological information**

### 12.1 Toxicity

Not available for the product.

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

Not available for the product.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to EC 1907/2006 REACH, annex XIII.

### 12.6 Other adverse effect

Waste water can be mechanically cleaned up. Do not release product in environment.

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

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Dispose the waste as non hazardous organic solid in accordance with local regulations.

<b>SECTION 14: Transport Information</b>				
	Land-Road/Railway (ADR/RID):	Inland waterways (ADNR):	Sea (IMDG):	Air (IATA):
<b>14.1 UN number</b>	No data available			
<b>14.2 UN proper shipping name</b>	No data available			
<b>14.3 Transport hazard class(es)</b>	No data available			
<b>14.4 Packing group</b>	No data available			
<b>14.5 Environmental hazards</b>	No data available			
<b>14.6 Special precautions for user</b>	No special precautions			
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	No data available			
Not a dangerous product within the meaning of the transport regulations.				

<b>SECTION 15: Regulatory information</b>
<p><b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>  <i>EU Label Information:</i>                      Classification and labeling have been performed according to Regulative 1272/2008.</p> <p><i>EU Hazard Symbol and Indication of Danger:</i>                      According to Regulation EC 1272/2008 this product is not classified.</p> <p><b>15.2 Chemical safety assessment</b>                      Chemical safety assessments for substances in this mixture were not carried out.</p>

<b>SECTION 16: Other information</b>
<p><i>Revision:</i>                      Version 05 issued on June 2017 in accordance with EC 1907/2006 (Commission Regulation (EU) 2015/830) and EC 1272/2008.</p>

## Safety Data Sheet

*Legend of abbreviations:*

IARC: International agency for research on cancer

NTP: National toxicology program

OSHA: Occupational safety and health administration

OEL: Occupational exposure limit

LD<sub>50</sub>: Median lethal dose; the dose causing 50% lethality

OSHA PELs: Permissible Exposure Limits - 8-hour TWA (time-weighted average) concentrations unless otherwise noted.

*Disclaimer of expressed and implied warranties:*

The information contained in the safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.