



## **MATERIAL SAFETY DATA SHEET**

In accordance with EEC Commission directive 91/155  
OBN BBW

### **IDENTIFICATION**

Trade Name: OBN BBW  
White Bleached Beeswax

### **COMPOSITION/INFORMATION INGREDIENTS**

Complex mixture of wax esters, wax acids, wax alcohols and hydrocarbons.

### **HAZARD IDENTIFICATION**

Not dangerous material.

### **FIRST AID MEASURES**

Skin Contact: Wash skin with plenty of soap and water. If skin is splashed with melted wax, the affected area should be cooled with cold water. Do not remove the wax. Seek medical attention for burn treatment.

Eye Contact: Flush eyes with plenty of water.

Ingestion: Treat as nuisance particulates.

### **FIRE FIGHTING MEASURES**

Suitable extinguishing media: Carbon dioxide, dry chemical, foam.

### **ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Wear protective clothing.

Environmental Precautions: Do not discharge into drains, surface water and ground water.

Clean up procedure: Collect solid product mechanically.

## HANDLING AND STORAGE

Handling: Solid – observe good hygiene practices.  
Storage: Solid product can be stored at room temperature. Remove from ignition sources; keep away from flames.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand protection: Wear gloves.  
Eye protection: Wear safety goggles.  
Skin protection: Wear protective clothing.

## PHYSICAL AND CHEMICAL PROPERTIES

Form: Drops  
Color: White  
Odor: Faint  
Melting point: 61 – 65°C  
Acid value: 17/24 mg KOH/g  
Saponification value: 87/104 mg KOH/g  
Ester value: 70/80 mg KOH/g  
Ratio: 3.3 – 4.3  
Flash point: above 180°C  
Density, 25°C: 0.85 – 0.99 g/cm<sup>3</sup>  
Solubility: Insoluble in water

## STABILITY AND REACTIVITY

Normally stable, no specific dangerous reactions known.

## TOXICOLOGICAL INFORMATION

According to similar products acute oral toxicity in rats: LD 50 > 500 mg/kg.

## ECOLOGICAL INFORMATION

Waste water can be mechanically cleaned up.  
Elimination test: is not applicable due to the insolubility of the wax in water.

## DISPOSAL CONSIDERATION

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

