



# material safety data sheet

## 1 Product and company identification

<b>Product name</b>	<b>Sasolwax BituGlide</b>
<b>Synonym</b>	Wax emulsion
<b>Product code</b>	1838
<b>Manufacturer/Supplier</b>	Sasol Wax (South Africa) a division of Sasol Chemical Industries Limited 1 Klasie Havenga Rd Sasolburg 1947 South Africa
<b>Address</b>	
<b>Telephone number</b>	+27 16 960 2088 or 016 960 2088
<b>Fax number</b>	+27 16 960 2310 or 016 960 2310
<b>National emergency number</b>	0800 1128 90
<b>International emergency number</b>	+27 (0)17 610 4444
<b>Australia</b>	<b>Sasol Wax (Australia) Pty Ltd</b>
<b>Address</b>	Suite 202, 4-10 Bridge St., Pymble, NSW 2073
<b>Telephone number</b>	+612 9983 9177
<b>ACN</b>	092661544

## 2 Hazards identification

This substance is not classified according to UN GHS guidelines

GHS labelling requirements: none

Other hazards:

<b>Liquid</b>	None
<b>Vapour</b>	None

## 3 Composition/information on ingredients

<b>Generic name:</b>	Wax emulsion
<b>Chemical characterisation:</b>	Preparation, emulsion of mineral hydrocarbon oil in water
<b>CAS number:</b> (paraffinic component)	64742-01-4;
<b>EINECS number:</b> (paraffinic component)	265-101-6

## 4 First-aid measures

General information:

**Inhalation:** Take the affected person to fresh air to protect from further exposure. In case of unconsciousness, vomiting, dizziness or irritation of respiratory tract seek medical attention immediately.

**Eye contact:** Flush eye immediately with cold water. If irritation continues seek medical attention.

**Skin contact:** After contact with product remove soaked clothing immediately and wash the skin with water and soap.

**When swallowed:** When swallowed a large amount seek medical attention. Do not induce vomiting.

## 5 Fire-fighting measures

**Suitable extinguishing media:** Carbon dioxide, foam, dry powder, sand, water mist  
**Special exposure hazards arising from the substance, its combustion products or from resulting gases:** Water evaporates out of the product. The remaining hydrocarbon oil is flammable. In case of incomplete combustion irritant vapours, smoke, soot and carbon monoxide (CO) may be formed.

**Special protective equipment in closed rooms:** Use self-contained breathing apparatus

## 6 Accidental release measures

**Personal precautions:** Avoid contact with skin and eyes.

**Environmental precautions:** Do not allow to enter drains, surface water, groundwater or soil.

**Methods for cleaning up:** Bind discharged product with sawdust, diatom earth or other absorption agents/remove mechanically. Do not use water or aqueous cleaning agents to wash away.

**Additional information:** In case of spill of a large amount inform the responsible authorities.

## 7 Handling and storage

**Handling**

**Hints on safe handling:** No special measures necessary if used correctly.

**Hints for protection against fire and explosion:** Avoid formation of product mist

**Storage**

**Requirements for storage rooms and containers:** Store in bunded area large enough to contain total spillage.

**Information on storage together with other products:** Do not store together with strong oxidising agents and food.

**Additional information:** Store product at room temperature. Keep from freezing. Protect against high temperatures.

## 8 Exposure controls/personal protection

**Ingredients with occupational exposure limits which should be monitored:**

**Exposure limit for product:** 5 mg/m<sup>3</sup> for oil mist recommended

**Personal protective equipment:**

**Hand protection:** Waterproof gloves

**Eye protection:** Safety goggles

**Body protection:** Protective clothing

## 9 Physical and chemical properties

<b>Colour</b>	Creamy white to yellow liquid
<b>Odour</b>	mild oily odour
<b>Odour threshold</b>	not available
<b>pH-value</b>	approx. 6
<b>Initial boiling point</b>	>100°C
<b>Flash point (open cup)</b>	>280°C (DIN-ISO 2592)
<b>Evaporation rate</b>	not available

<b>Flammability</b>	not available
<b>Lower flammability limit</b>	not available
<b>Vapour pressure</b>	not available
<b>Vapour density</b>	not available
<b>Density at 20°C</b>	0.95 kg/L
<b>Solubility in water (20°C)</b>	soluble (emulsifies)
<b>Partition coefficient</b>	not available
<b>Auto-ignition temperature</b>	not available
<b>Decomposition temperature</b>	not available
<b>Explosion properties</b>	None

## 10 Stability and reactivity

**Conditions to avoid:** Heat (risk of dehydration) and temperatures below 0 °C.

**Material to avoid:** Strong oxidising agents

**Decomposition products:** See point 5

## 11 Toxicological information

**Acute toxicity, Oral** Practically non-toxic (LD50: > 2000 mg/kg; rats) based on test results obtained from similar products and/or their components (OECD method 401).

**Dermal** Practically non-toxic (LD50: > 2000 mg/kg; rabbits) based on test results obtained on similar products and/or their components (OECD method 402).

**Inhalation** Practically non-toxic (LC50: > 5 mg/l; rats) based on test results obtained on similar products and/or their components (OECD method 403).

**Skin irritation** : Practically non-irritant based on test results obtained on similar products and/or their components (OECD method 404)

**Eye irritation** : Practically non-irritant based on test results obtained on similar products and/or their components (OECD method 405)

**Subchronic toxicology:**

Severely solvent refined and severely hydrotreated mineral base oils have been tested by dermal application to rats 5 days/week for 90 days at doses significantly higher than those expected during normal industrial exposure. Extensive evaluations including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

## 12 Ecological information

**Elimination/persistence and degradability:**

Hydrocarbon oil: Biodegradable

**Behaviour in purification plant:** The product can cause strong oxygen deficiency in biological purification plants.

## 13 Disposal considerations

**Waste information** Waste must be disposed of in accordance with federal, state and local environment control regulations.

European waste catalogue (EWC) recommends disposal according to EWC 12 01 12 (spent waxes and fats) or EWC 12 03 02 (Steam degreasing wastes).

The product is suited to be recycled in authorised plants.

**Packaging:**

Drums Drums can be returned to supplier

## 14 Transport information

**UN number:** not classified

**THIS PRODUCT IS NOT CONTROLLED UNDER ANY OF THE FOLLOWING CLASSIFICATIONS** DOT (United States), RID/ADR, IMO, IATA/ICA

## 15 Regulatory information

The product does not require a hazard warning label in accordance with the EEC directives

**National regulations**

**Germany:**

**Classification according to VbF:** Not applicable

**TA Luft:** Not applicable

**Water hazard class (WGK):** 1 (self-classification)

**StörfallVO:** Not applicable

## 16 Other information

Although the information contained herein is presented in good faith and to the best of Sasol Wax's knowledge and experience, it is made without any warranty or guarantee whatsoever.

**Revision 5 (3 March 2009)**

Formatted to GHS recommended standard, telephone number changed