

material safety data sheet

1 Product and company identification

Product name	Sasobit
Synonym	Fischer Tropisch hard wax
Product code	1596
Manufacturer/Supplier	Sasol Wax (South Africa) a division of Sasol Chemical Industries Limited
Address	1 Klasie Havenga Rd Sasolburg 1947 South Africa
Telephone number	+27 16 960 2088 or 016 960 2088
Fax number	+27 16 960 2310 or 016 960 2310
National emergency number	0800 1128 90
International emergency number	+27 17 610 4444
Australia	Sasol Wax (Australia) Pty Ltd
Address	Suite 202, 4-10 Bridge St., Pymble, NSW 2073
Telephone number	+612 9983 9177
ACN	092661544

2 Hazards identification

This substance is not classified according to UN GHS guidelines

GHS labelling requirements: none

Other hazards:

Solid	None
Liquid(molten wax)	Can cause severe burns due to heat
Powder/ Vapour	May be irritating to respiratory tract and eyes
Explosion risk	Coarse powder form: ST class=1. Severity of dust explosion is weak to moderate.

3 Composition/information on ingredients

Generic name	Fischer-Tropsch Wax
CAS number	8002-74-2
EINECS number	232-315-6
Chemical characterisation	Substance, solid saturated hydrocarbons
Molecular formula	C _n H _{2n+2}

4 First-aid measures

Solid	None
Liquid(molten wax)	Action as for burns. Cool affected parts with cold water. Do not remove solidified wax from skin. Seek medical attention.
Powder	Eyes – flush with plenty of water.
Vapours	Inhalation – take affected person to fresh air.

5 Fire-fighting measures

Flammability of the product	Combustible at high temperature
Products of combustion	Carbon oxides (CO, CO ₂)
Fire fighting media and instructions	Dry chemical powder Water spray, fog or foam Do not use water jet.
Protective equipment (fire)	Approved/certified respirator or equivalent
Specific hazards	Incomplete combustion produces fumes, flue gases, carbon monoxide
Additional information	Apply cold water in order to cool containers exposed to danger.

6 Accidental release measures

Small spill and leak	Allow liquid to solidify. Use appropriate tools to put the spilled solid in a convenient waste disposal container.
Large spill and leak	Liquid – remove persons to safety. Do not allow solid or liquid to enter drains, sewers, surface water or confined spaces. Remove solid material mechanically.

7 Handling and storage

Handling	Avoid breathing dust. Pneumatic conveying of this product could lead to the production of fine material, which increases the risk of dust explosions. The pipes and ducts should be made from conductive material and properly earthed.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

8 Exposure controls/personal protection

Exposure limits (fumes)	NIOSH/ACGIH (United States, 2002) TWA: 2mg/m ³
Engineering controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limits. Molten wax should not be exposed to water, as it causes violent steam explosions on molten wax.

Personal Protective equipment	Not required.
Solid	None
Liquids	Hands – heat resistant gloves Eyes – safety glasses, goggles or face shield Body – protective clothing

Dust/vapour
Feet – safety boots
Respiratory - approved dust mask or vapour respirator should be worn in areas of high concentrations of dust/vapour.

9 Physical and chemical properties

Appearance	off-white to pale brown pastilles or flakes
Odour	practically odourless
Odour threshold	not available
pH	not applicable
Congealing point	>90°C (DIN-ISO 2207, ASTM D 938)
Initial boiling point	271°C (ASTM6352)
Flash point (open cup)	285°C (DIN-ISO 2592, ASTM D92)
Evaporation rate	not applicable
Flammability	not classified
Lower flammability limit	not available
Vapour pressure	not applicable
Vapour density	not applicable
Density at 25°C	0.9 g/cm ³
Solubility in water (20°C)	insoluble
Partition coefficient (o/w)	not available
Auto-ignition temperature	not available
Decomposition temperature	approx. 250°C
Viscosity	not applicable

10 Stability and reactivity

Conditions to avoid	Prolonged storage 50°C above congealing point may interfere with quality.
Incompatibility with substances	Avoid contact with strong oxidising agents
Hazardous decomposition products	Carbon monoxide, carbon dioxide and soot in the case of incomplete combustion

11 Toxicological information

Acute toxicity, oral	Rat LD ₅₀ - >2000 mg/kg/day (chemically similar material)
Skin irritation, human skin(patch test)	non-irritant

12 Ecological information

The product is a water-insoluble, solid long-chain hydrocarbon which, under environmental conditions, has no detrimental effect on plants, animals or micro-organisms.

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).

Packaging	Empty pallets may be returned to supplier
Pallets	Recyclable
Cartons	Recyclable
Paper bags	Recyclable
Big-bags	Returnable packaging- may 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), TDG (Canada), IMDG, IATA

15 Regulatory information

HCS classification	Combustible
TSCA 8(b) inventory	Paraffin wax
This product is not classified according to the EU regulations.	
Product listed in AICS, ENCS (MITI 8-430).	

16 Other information

NFPA 0,1,0
Literature – Ullman's Encyclopaedia for Industrial Chemistry 5th edition volume A28 "waxes" Verlag Chemie GmbH 1996.
Kirk-Othmer encyclopaedia of Chemical Technology 4th Edition volume 25 "waxes" John Wiley & Sons 2004.
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 6 (3 March 2009) Formatted to GHS recommended standard, telephone number changed