



Safety Data Sheet

SASOLWAX(TM) Fischer Tropsch Hard Wax Fine Powders

Version 1.00

Revision Date 25.04.2023

SECTION 1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name SASOLWAX(TM) Fischer Tropsch Hard Wax Fine Powders

Synonyms Sasolwax™: SP30, SP30G, SP105, H1N4, S105, SP105G

Relevant identified uses of the substance or mixture and uses advised against

Use Industrial use.

Manufacturer or supplier's details

Company Sasol Chemicals, a division of Sasol South Africa Ltd

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Sandton
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SECTION 2. Hazards identification

Classification of the substance or mixture

GHS Classification

Classification	Standards for classification and labeling of chemical substances and material safety data sheet (ministry of employment and labor public notice No. 2016-19) (GHS 2011)	
	Specific target organ toxicity - single exposure	Category 3
	Specific target organ toxicity - repeated exposure	Category 2

GHS label elements

Hazard pictograms



Signal word

: Warning

Hazard statements

: H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

: **Prevention:**
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P271 Use only outdoors or in a well-ventilated area.

Response:

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P319 Get medical help if you feel unwell.



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Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

Dust explosion risk: ST = class 2. Severity of dust explosion is strong

SECTION 3. Composition/information on ingredients

HAZARDOUS INGREDIENTS

Synthetic wax, Paraffinic hydrocarbons

Contents: ≥ 90.00 - ≤ 100.00 %W/W

CAS-No. 8002-74-2

Index-No.

EC-No. 232-315-6

Hazard statements *H335 H373*

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SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours.
Skin contact	Cool melted product on skin with plenty of water. Do not remove solidified product. In case of burns by molten product, medical treatment is needed.
Eye contact	Rinse with water. If eye irritation persists, consult a specialist.
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Foam. Dry powder. Water spray. Dry chemical.
Special hazards arising from the substance or mixture	Do not allow run-off from fire fighting to enter drains or water courses. Burning produces irritant fumes.

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Special protective equipment for firefighters In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

SECTION 6. Accidental release measures

Personal precautions Keep people away from and upwind of spill/leak.

Environmental precautions Prevent product from entering drains.

Methods for cleaning up Never return spills in original containers for re-use. Sweep up and shovel into suitable containers for disposal.

Reference to other sections Refer to Section 8 and 13

SECTION 7. Handling and storage

Safe handling advice Provide sufficient air exchange and/or exhaust in work rooms. All handling equipment must be properly earthed. Non-conductive materials should not be used for pipes or chutes in order to reduce the build-up of static electricity. All ducts and pipes should be properly sealed to prevent dust clouds forming. Powders should not be allowed to accumulate in working or storage areas in order to prevent dust clouds and reduce fire risk. Pneumatic conveying of fine powders is not recommended.

Advice on protection against fire and explosion Ensure all receptacles and containers are properly earthed and correctly sealed. Keep away from open flames, hot surfaces and sources of ignition.

Requirements for storage Keep containers tightly closed in a dry, cool and well-ventilated



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areas and containers place.

Advice on common storage No data available.

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Components	Type	Control parameters	Update	Basis
PARAFFIN WAX FUME	TWA	2 mg/m3	06 2008	Korea OELs
PARAFFIN WAX FUME	TWA	2 mg/m3	08 2012	Korea OELs

Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection Leather gloves
Gloves suitable for permanent contact.:
Material: Leather gloves, Wear insulated gloves.

Eye protection Safety glasses

Hygiene measures Wash hands before breaks and immediately after handling the product.



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SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Form	fine powder
State of matter	Solid; at 20 ° C; 1,013 hPa
Colour	White to pale brown
Odour	Odourless
Odour Threshold	No data available.
pH	No data available.
Melting point/range	> 75 ° C
Boiling point/boiling range	> 370 ° C
Flash point	> 250 ° C
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	ca. 450 ° C
Decomposition Temperature	No data available.
Lower explosion limit	No data available.
Upper explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	0.9 g/cm ³ ; 25 ° C

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Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available.
Viscosity, dynamic	6 - 12 mPa.s; 135 ° C

SECTION 10. Stability and reactivity

Reactivity	Hazardous polymerisation does not occur.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Heat.
Materials to avoid	Oxidizing agents. Strong acids
Hazardous decomposition products	Carbon oxides.

SECTION 11. Toxicological information

Acute oral toxicity	Synthetic wax, Paraffinic hydrocarbons: LD50 Rat: > 2,000 mg/kg; GLP: no (literature value)
Acute inhalation toxicity	No data available.
Acute dermal toxicity	Synthetic wax, Paraffinic hydrocarbons: LD50 Rabbit: > 2,000 mg/kg; (literature value)
Eye irritation	No data available.

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Sensitisation	No data available.
Repeated dose toxicity	No data available.
Carcinogenicity	No data available.
Mutagenicity	No data available.

SECTION 12. Ecological information

Toxicity to fish	No data available.
Toxicity to daphnia and other aquatic invertebrates	No data available.
Toxicity to algae	No data available.
Toxicity to bacteria	No data available.
Toxicity to fish	No data available.
Chronic toxicity in aquatic invertebrates	No data available.
Biodegradability	No data available.
Physico-chemical removability	No data available.
Bioaccumulation	No data available.
Other adverse effects	This product has no known ecotoxicological effects.

SECTION 13. Disposal considerations

Product	Dispose of in accordance with local regulations.
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Packaging Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

SECTION 14. Transport information

Marine pollutant	Not a Marine Pollutant
Further Information	Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

USA TSCA Inventory	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)
Canadian Domestic Substances List (DSL)	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
Australian Inv. of Chem. Substances (AICS)	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
New Zealand Inventory of Chemicals (NZIoC)	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
Jap. Inv. of Exist. & New Chemicals (ENCS)	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
Japan. Industrial Safety & Health Law (ISHL)	All chemical constituents are listed in: Japan. Industrial Safety &



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	Health Law (ISHL) (See chapter 3)
Korea. Existing Chemicals Inventory (KECI)	All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3)
China Inv. Existing Chemical Substances (IECSC)	All chemical constituents are listed in: China Inv. Existing Chemical Substances (IECSC) (See chapter 3)

SECTION 16. Other information

Full text of H-Statements

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

All reasonable efforts were exercised to compile this SDS in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS only provides information regarding the health, safety and environmental hazards at the date of issue, to facilitate the safe receipt, use and handling of this product in the workplace and does not replace any product information or product specifications. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which this product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, review this SDS in the context within which this product will be received, handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place with respect to health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of this product.

Although all reasonable efforts were exercised in the compilation of this SDS, Sasol does not expressly warrant the accuracy of, or assume any liability for incomplete information contained herein or any advice given. When this product is sold, risk passes to the purchaser in accordance with the specific terms and conditions of sale.

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