

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.09.2017

Version number 1

Revision: 26.09.2017

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier:

Trade name: Shell Sarawax SX70**CAS Number:**

8002-74-2

EC number:

232-315-6

Registration number: 01-2119488076-30

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

Product category: General use of paraffin and wax.**Application of the substance / the mixture:** Professional use only

1.3 Details of the supplier of the safety data sheet:

Manufacturer / Importer / Supplier:

Alpha Wax BV

Raoul Wallenbergplein 35

2404 ND Alphen aan den Rijn

Tel.: +31 (0)172 242628

Fax: +31 (0)172 241439

email: info@alphawax.com

www.alphawax.com

Further information obtainable from: Product safety department.

1.4 Emergency telephone number:

UK - Toxbase (for health professionals only) +44 844 8920111

For members of the public +44 845 4647

Tel.: +31 (0)172 242628

This telephone number can be reached during office hours.

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008: The substance is not classified according to the CLP regulation.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008: Void**Hazard pictograms:** Void**Signal word:** Void**Hazard statements:** Void

2.3 Other hazards:

Results of PBT and vPvB assessment:**PBT:** Not applicable.**vPvB:** Not applicable.

SECTION 3: Composition/Information on Ingredients

3.1 Chemical characterization: Substances:

CAS No. Description:

8002-74-2 Paraffin waxes and Hydrocarbon waxes

Identification number(s)**EC number:** 232-315-6**Additional information:** Fischer-Tropsch derived paraffin wax, consisting largely of linear chain alkanes.

SECTION 4: First Aid Measures

4.1 Description of first aid measures:

General information:

Never give anything by mouth to an unconscious person.

Take affected persons out of danger area and lay down.

After inhalation:

Take affected persons into fresh air and keep calm.

Seek medical treatment in case of complaints.

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After skin contact:

Take off contaminated clothing immediately and wash the skin with plenty of water (possibly showering).

If skin irritation continues, consult a doctor.

After eye contact:

If possible, remove contact lenses.

Rinse opened eye for several minutes (at least 15 minutes) under running water. If symptoms persist, consult a doctor.

After ingestion:

Do not induce vomiting.

Rinse mouth and drink 2 glasses of water.

If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

SECTION 5: Firefighting Measures

5.1 Extinguishing media:**Suitable extinguishing agents:** CO₂, powder, foam or water spray. Fight larger fires with water spray or alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water with full jet**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.**5.3 Advice for firefighters:****Protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

Additional information: Cool endangered tanks with water spray.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Avoid breathing vapor and contact with eyes, skin and clothing.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

In case of seepage into the ground inform responsible authorities.

6.3 Methods and material for containment and cleaning up:

Stop leak if possible without risk.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Clean the affected area carefully; suitable cleaners are:

Warm water and cleansing agent

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling:

Avoid inhalation of vapors and contact with eyes, skin and clothing.

Do not eat, drink or smoke while working.

Wash thoroughly with water after handling.

Wear appropriate personal protective equipment. (See section 8)

7.2 Conditions for safe storage, including any incompatibilities:

Storage must comply with the local regulations.

Only in original, tightly closed container in a well ventilated, cool and dark place.

Storage:**Requirements to be met by storerooms and tanks:** Only use tanks which are specially equipped for this product.**Information about storage in one common storage facility:**

Do not store in areas where food, drink and animal foodstuff are taken.

Store away from oxidising agents.

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Further information about storage conditions: Protect from heat and direct sunlight.

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7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure Controls/Personal Protection

Additional information about design of technical facilities: No further data; see section 7.

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

8002-74-2 Paraffin waxes and Hydrocarbon waxes

WEL (Great Britain)	Short-term value: 6 mg/m ³ Long-term value: 2 mg/m ³
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Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Protection of hands:

Use protective gloves to DIN EN374-3

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Heat protection gloves

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Neoprene gloves

Penetration time of glove material:

Permeation: Breakthrough time - > 480 min

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:



Tightly sealed goggles

Use safety glasses that meets the requirements of EN 166; latest versions.

Body protection: Use protective suit.

Limitation and supervision of exposure into the environment: Prevent spills from reaching surface waters or soil.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

General Information:

Appearance:

Form: Solid (at 20 °C)

Colour: White

Odour: Odourless.

Odour threshold: Not determined.

pH-value: Not applicable.

Change in condition

Melting point/freezing point: See product specification sheet.

Initial boiling point and boiling range: ca. 280 °C

Solidification point: ca. 68-72 °C (Unspecified)

Flash point: ≥250 °C (ASTM D93 (PMCC))

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Ignition temperature:	Not determined
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Not determined.
Explosive properties:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure at 20 °C:	<0.005hPa (estimated value)
Density at 15 °C:	ca. 780kg/m ³ (ASTM D4052)
Relative density at 15 °C:	ca. 0.780
Vapour density:	Not applicable.
Evaporation rate:	Not applicable.
Solubility in / Miscibility with:	
Water:	Insoluble.
Partition coefficient: n-octanol/water:	>6log POW
Viscosity:	
Dynamic:	Not applicable.
Kinematic at 100 °C:	5 - 7mm ² /s (ASTM D445)
Solvent content:	
Oxidizing properties:	Not determined Does not contain oxidizing properties.
9.2 Other information:	No further relevant information available.

SECTION 10: Stability and Reactivity

10.1 Reactivity: Reacts violently with oxidants.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid:

Extremely high or low temperatures.

Direct sunlight

10.5 Incompatible materials: Oxidising Agents

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological Information

11.1 Information on toxicological effects:

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

8002-74-2 Paraffin waxes and Hydrocarbon waxes

Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	>5 mg/l (Rat)

Primary irritant effect:

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

CMR effects (carcinogenic, mutagenic and reprotoxic):

One of the components contains less than 3% of PCA's (DMSO extract as measured by IP 346). This product does not meet the criteria to be classified as carcinogen.

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Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reprotoxicity: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12: Ecological Information

12.1 Toxicity:

The product components are not classified as dangerous for the environment or the quantities are not relevant. Larger or frequent spills can be dangerous or harmful to the environment.

Aquatic toxicity:

8002-74-2 Paraffin waxes and Hydrocarbon waxes

NOEC/NOEL	>100 mg/l (Fish) (Expected value) Based on modified data
	>100 mg/l (crustaceans) (Expected value) Based on modified data
LL/EL/IL50	>100 mg/l (Algae) Probably not harmful
	>100 mg/l (Fish) Probably not harmful
	>100 mg/l (crustaceans) Probably not harmful
	>100 mg/l (Microorganism) Probably not harmful

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential:

No further relevant information available.

8002-74-2 Paraffin waxes and Hydrocarbon waxes

Log Pow/Cow	>6 Based on information of similar products
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12.4 Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Generally not hazardous for water

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods:

Recommendation:

Observe the locally applicable regulations.

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Contaminated packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport Information

14.1 UN-Number:

ADR/RID/ADN, IMDG, IATA

Void

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14.2 UN proper shipping name: ADR/RID/ADN, IMDG, IATA	Void
14.3 Transport hazard class(es): ADR/RID/ADN, IMDG, IATA Class:	Void
14.4 Packing group: ADR/RID/ADN, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user:	Not applicable.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:	Not applicable.
UN "Model Regulation":	Void

SECTION 15: Regulatory Information

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

Directive 2012/18/EU:**Named dangerous substances - ANNEX I:** Substance is not listed.**National regulations:****Water hazard class:**

Water hazard class 1 (Assessment by list): slightly hazardous for water.

Generally not hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other Information

Training hints: Take care of good information, instruction and training for users.**Abbreviations and acronyms:**

ADN: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

EC50: Effective Concentration, 50 percent

IOELVs: Indicative Occupational Exposure Limit Values

mPa.s: milliPascal per second

References:

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)

See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>**Revisions were made in sections marked with *.****Disclaimer:**

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