

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 04/07/2019

Reviewed on 04/07/2019

**\* 1 Identification****Product identifier****Trade name: Shell Slack Wax LMO****CAS Number:**

64742-61-6

**EC number:**

265-165-5

**Index number:**

649-244-00-5

**Application of the substance / the mixture** Professional use only**Details of the supplier of the safety data sheet****Manufacturer / Importer / Supplier:**Alpha Wax USA Corporation  
708 Main Street, Suite 06-100  
Houston, TX 77002  
United States

T: +1 (0)346 299 5500

www.alphawax.com

email: info@alphawax.com

**Information department:** Product safety department.**Emergency telephone number:**

USA - For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night +1 800-424-9300 / +1 703-527-3887 CCN826501.

**2 Hazard(s) identification****Classification of the substance or mixture** The substance is not classified, according to the Globally Harmonized System (GHS).**Label elements****Keep out of reach of children** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Classification system:****NFPA ratings (scale 0 - 4)**Health = 0  
Fire = 1  
Reactivity = 0**HMIS-ratings (scale 0 - 4)**

HEALTH	0
FIRE	1
REACTIVITY	0

Health = 0  
Fire = 1  
Reactivity = 0**Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**3 Composition/information on ingredients****Chemical characterization: Substances****CAS No. Description**

64742-61-6 A complex combination of hydrocarbons obtained from a petroleum fraction by solvent crystallization (solvent dewaxing) or as a distillation fraction from a very waxy crude.

**Identification number(s)****EC number:** 265-165-5**Index number:** 649-244-00-5

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**4 First-aid measures****Description of first aid measures****General information:**

Persons, providing assistance, should avoid exposure and danger for themselves or others.

Take affected persons out of danger area and lay down.

Never give anything by mouth to an unconscious person.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:**

After contact with the molten product, cool rapidly with cold water.

Do not pull solidified product away from the skin.

Seek immediate medical advice.

**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 out mouth and then drink plenty of water.

**Information for doctor:****Most important symptoms and effects, both acute and delayed** No further relevant information available.**Indication of any immediate medical attention and special treatment needed** No further relevant information available.**5 Fire-fighting measures****Extinguishing media****Suitable extinguishing agents:** CO<sub>2</sub>, powder, foam or water spray. Fight larger fires with water spray or alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water spray**Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)**Advice for firefighters****Protective equipment:**

Wear fully protective suit.

Wear self-contained respiratory protective device.

**Additional information** Cool endangered receptacles with water spray.**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

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

**Environmental precautions:** for disposing to sewer: seek approval from Sewer System Operator**Methods and material for containment and cleaning up:** Allow to solidify. Pick up mechanically.**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.

**Protective Action Criteria for Chemicals****PAC-1:**

Substance is not listed.

**PAC-2:**

Substance is not listed.

**PAC-3:**

Substance is not listed.

**7 Handling and storage****Handling:****Precautions for safe handling** Avoid inhalation of vapors and contact with eyes, skin and clothing.

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**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

 Store in a closed container away from incompatible materials  
 Store in a cool, dry, well-ventilated 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:** Store away from oxidizing agents.

**Further information about storage conditions:**

 Protect from heat and direct sunlight.  
 Store between 0°C and 40°C in a dry, well ventilated place.

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

## 8 Exposure controls/personal protection

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

**Control parameters**
**Components with limit values that require monitoring at the workplace:** Not required.

**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls**
**Personal protective equipment:**
**General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:** Not required.

**Protection of hands:**

 Neoprene gloves  
 Heat resistant gloves  
 Only use chemical-protective gloves with CE-labeling of category III.  
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Material of gloves** Neoprene gloves

**Penetration time of glove material** Not applicable

**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.

## 9 Physical and chemical properties

**Information on basic physical and chemical properties**
**General Information**
**Appearance:**

<b>Form:</b>	Solid (at 20°C)
<b>Color:</b>	Yellow
<b>Odor:</b>	Slight hydrocarbon
<b>Odor threshold:</b>	Not determined.

<b>pH-value:</b>	Not applicable.
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**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	330-555 °C (626-1,031 °F)
<b>Solidification point:</b>	52-62 °C (125.6-143.6 °F)

<b>Flash point:</b>	≥210 °C (≥410 °F)
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<b>Flammability (solid, gaseous):</b>	Not determined.
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<b>Ignition temperature:</b>	Not determined
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<b>Decomposition temperature:</b>	Not determined.
<b>Danger of explosion:</b>	Product does not present an explosion hazard.
<b>Explosion limits:</b>	
<b>Lower:</b>	1 Vol %
<b>Upper:</b>	10 Vol %
<b>Vapor pressure at 20 °C (68 °F):</b>	<0.005 hPa (>0 mm Hg) (estimated value)
<b>Density at 70 °C (158 °F):</b>	810 kg/m <sup>3</sup> (Typical value)
<b>Relative density</b>	Not determined.
<b>Vapor density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Solubility in / Miscibility with Water:</b>	Insoluble.
<b>Partition coefficient (n-octanol/water):</b>	>6 log POW
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic at 100 °C (212 °F):</b>	5.8 mm <sup>2</sup> /s
<b>Solvent content:</b>	
<b>Oxidizing properties:</b>	Not determined
<b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

**Reactivity** Stable under recommended conditions.

**Chemical stability**

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

**Possibility of hazardous reactions** Reacts with strong oxidizing agents.

**Conditions to avoid**

Extremely high or low temperatures.

Direct sunlight

**Incompatible materials:** Oxidising Agents

**Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

**Information on toxicological effects**

**Acute toxicity:**

**Primary irritant effect:**

**on the skin:** No known effect.

**on the eye:** No known effect.

**Inhalation:** No data available.

**Ingestion:** Potential for aspiration if swallowed.

**Respiratory or skin sensitization:** No sensitizing effects known.

**Additional toxicological information:**

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Carcinogenic categories**

**IARC (International Agency for Research on Cancer)**

Substance is not listed.

**NTP (National Toxicology Program)**

Substance is not listed.

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**OSHA-Ca (Occupational Safety & Health Administration)**

Substance is not listed.

**12 Ecological information**
**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:** No further relevant information available.

**Persistence and degradability** Probably biodegradable in the long term.

**Behavior in environmental systems:**
**Bioaccumulative potential** Bioaccumulation is not excluded.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**
**General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

**13 Disposal considerations**
**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.

**Uncleaned packagings:**
**Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

<b>UN-Number</b> DOT, ADR/RID/ADN, ADN, IMDG, IATA	Void
<b>UN proper shipping name</b> DOT, ADR/RID/ADN, ADN, IMDG, IATA	Void
<b>Transport hazard class(es)</b> DOT, ADR/RID/ADN, ADN, IMDG, IATA Class	Void
<b>Packing group</b> DOT, ADR/RID/ADN, IMDG, IATA	Void
<b>Environmental hazards:</b>	Not applicable.
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

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**15 Regulatory information**
**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**Sara**
**Section 355 (extremely hazardous substances):**

Substance is not listed.

**Section 313 (Specific toxic chemical listings):**

Substance is not listed.

**TSCA (Toxic Substances Control Act):**

ACTIVE

**Hazardous Air Pollutants**

Substance is not listed.

**Proposition 65**
**Chemicals known to cause cancer:**

Substance is not listed.

**Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

**Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

**Chemicals known to cause developmental toxicity:**

Substance is not listed.

**Carcinogenicity categories**
**EPA (Environmental Protection Agency)**

Substance is not listed.

**TLV (Threshold Limit Value established by ACGIH)**

Substance is not listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is not listed.

**Keep out of reach of children** Void

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

**16 Other information**
**Training hints** Take care of good information, instruction and training for users.

**Date of preparation / last revision** 04/07/2019 / 1

**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

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

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

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety &amp; Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

EC50: Effective Concentration, 50 percent

IOELVS: Indicative Occupational Exposure Limit Values

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mPa.s: milliPascal per second

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**Sources**

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>

**\* Data compared to the previous version altered.**

**Disclaimer**

The information provided in this Material Safety Data Sheet has been prepared with the utmost care and corresponds to the most recent information available to the supplier on the date of publication mentioned in the header of every page. The contents of this Material Safety Data Sheet should not be considered as a guarantee for certain product properties or fitness for particular purposes. It is the obligation of the user to determine whether the product is suitable for the specific purpose, intended use and the method of application. This Safety Data Sheet only relates to the product described and does not apply to any not defined use or the use of the product in combination with other materials, substances or products. It is the responsibility of the user to use and handle the product with care and to comply with all applicable laws and regulations. The supplier accepts no liability for direct or indirect damages resulting from improper use of this Material Safety Data Sheet and / or the products described therein.

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