

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.12.2019

Version number 4

Revision: 01.12.2019

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier:

**Trade name: Shell Neodene 26+****CAS Number:**

131459-42-2

#### 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:

This telephone number can be reached during office hours.

Tel.: +31 172 242628

### 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:

This material is a static accumulator. Even with proper grounding and bonding, this material can still accumulate an electrostatic charge. If sufficient charge is allowed to accumulate, electrostatic discharge and ignition of flammable air-vapour mixtures can occur. Contact with hot material can cause thermal burns which may result in permanent skin damage. Hot product may cause severe eye and skin burns. The classification of this material is based on OSHA HCS 2012 criteria.

**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:**131459-42-2 alkenes, C24-54-branched and linear  $\alpha$ -**Additional information:** For the wording of the listed hazard phrases See section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures:

**General information:**

Take affected persons out of danger area and lay down.

Never give anything by mouth to an unconscious person.

**After inhalation:** Take affected persons into fresh air and keep calm.**After skin contact:**

When contacted with a hot product, the burned area must be cooled immediately with flowing water or by immersion in water for 15 to 20 minutes.

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

Do not pull solidified product off the skin.

Seek immediate medical advice.

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**After eye contact:**

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.

**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:** 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 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 self-contained respiratory protective device.

Wear fully protective suit.

**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.

Floors may become slippery

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

**6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:** Allow to solidify. Pick up mechanically.

**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.

**Information about fire and explosion protection:**

Protect from heat.

Keep ignition sources away - Do not smoke.

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

Store in a closed container away from incompatible materials

Store in a well ventilated storage area.

**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 oxidising 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.

**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:** Not required.

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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:** Not required.**Protection of hands:**

Use protective gloves to EN ISO 374-1

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

**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:**

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

Solid material. Penetration time is not applicable.

Handle melted material with thermal gloves.

**Eye protection:**

Safety glasses

Face protection

**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:**

<b>Form:</b>	Solid (at 20°C)
<b>Colour:</b>	White
<b>Odour:</b>	Mild
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.**Change in condition**

<b>Melting point/freezing point:</b>	63 °C (ASTM D127)
<b>Initial boiling point and boiling range:</b>	349 - 519 °C

**Flash point:** 248 °C**Flammability (solid, gas):** Not applicable.**Ignition temperature:** Not determined**Decomposition temperature:** Not determined.**Auto-ignition temperature:** Not determined.**Explosive properties:** Not determined.**Explosion limits:**

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Vapour pressure at 25 °C:** <0.08 hPa**Density at 80 °C:** 0.77 g/cm<sup>3</sup>**Relative density at 80 °C:** 0.77**Vapour density:** Not determined.**Evaporation rate:** Not determined.**Solubility in / Miscibility with:****Water at 25 °C:** <0.002 g/l

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<b>Partition coefficient: n-octanol/water:</b>	>5.4 log POW
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 98.8 °C:</b>	3.48 mm <sup>2</sup> /s
<b>Solvent content:</b>	
<b>Oxidizing properties:</b>	Not determined
<b>9.2 Other information:</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

**10.1 Reactivity:** Stable under recommended conditions.

**10.2 Chemical stability:**

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

**10.3 Possibility of hazardous reactions:** Reacts with strong oxidising agents.

**10.4 Conditions to avoid:**

Extremely high or low temperatures.

Direct sunlight

Sparks-Open fire

In certain circumstances product can be ignited by static electricity

**10.5 Incompatible materials:** No further relevant information available.

**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.

**Primary irritant effect:**

**Skin corrosion/irritation:** Probably no irritating effect

**Serious eye damage/irritation:** Probably no irritating effect

**Inhalation:** No data available.

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

**CMR effects (carcinogenic, mutagenic and reprotoxic):**

**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:** No further relevant information available.

**12.2 Persistence and degradability:** Biodegradable

**12.3 Bioaccumulative potential:** Non significant accumulation in organisms

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

**Additional ecological information:**

**General notes:**

Water hazard class 1 (German Regulation) (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.

**12.5 Results of PBT and vPvB assessment:**

**PBT:** Not applicable.

**vPvB:** Not applicable.

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**Trade name: Shell Neodene 26+****12.6 Other adverse effects:** No further relevant information available.

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### 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.

**European waste catalogue:** 13 08 99 Oil waste (not otherwise specified)**Contaminated packaging:****Recommendation:** Disposal must be made according to official regulations.

### \* SECTION 14: Transport information

<b>14.1 UN-Number:</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name:</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es):</b> ADR/RID/ADN, IMDG, IATA Class:	Void
<b>14.4 Packing group:</b> ADR/RID/ADN, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user:</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b>	Not applicable.
<b>UN "Model Regulation":</b>	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:** Not applicable**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. This shall not constitute a guarantee for any properties of the product and shall not establish a legally valid contractual relationship.

**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

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

PBT: Persistent, Bioaccumulative and Toxic

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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:**

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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