

* 1 Identification

Product identifier

Trade name: Shell Neodene 26+

CAS Number:
131459-42-2

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)



HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

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.

3 Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description

131459-42-2 alkenes, C24-54-branched and linear α -



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4 First-aid measures

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 away from the skin.

Seek immediate medical advice.

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.

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: 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

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

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.

Floors may become slippery

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.

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7 Handling and storage

Handling:

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 protection against explosions and fires:

Protect from heat.

Keep ignition sources away - Do not smoke.

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 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:

Use protective gloves to EN ISO 374-1

Only use chemical-protective gloves with CE-labeling 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.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form: Solid (at 20°C)

Color: White

Odor: Mild

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Odor threshold:	Not determined.
pH-value:	Not applicable.
Change in condition	
Melting point/Melting range:	63 °C (145.4 °F) (ASTM D127)
Boiling point/Boiling range:	349 - 519 °C (660.2 - 966.2 °F)
Flash point:	248 °C (478.4 °F)
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	Not determined
Decomposition temperature:	Not determined.
Auto igniting:	Not determined.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure at 25 °C (77 °F):	<0.08 hPa (<0.1 mm Hg)
Density at 80 °C (176 °F):	0.77 g/cm ³ (6.426 lbs/gal)
Relative density at 80 °C (176 °F)	0.77
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water at 25 °C (77 °F):	<0.002 g/l
Partition coefficient (n-octanol/water):	>5.4 log POW
Viscosity:	
Dynamic:	Not determined.
Kinematic at 98.8 °C (209.8 °F):	3.48 mm ² /s
Solvent content:	
Oxidizing properties:	Not determined
Other information	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

Sparks-Open fire

In certain circumstances product can be ignited by static electricity

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

* 11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: Probably no irritating effect

on the eye: Probably no irritating effect

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Inhalation: No data available.

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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.
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 biodegradable

Behavior in environmental systems:

Bioaccumulative potential Non significant accumulation in organisms

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**

UN-Number DOT, ADR/RID/ADN, ADN, IMDG, IATA	Void
UN proper shipping name DOT, ADR/RID/ADN, ADN, IMDG, IATA	Void
Transport hazard class(es) DOT, ADR/RID/ADN, ADN, IMDG, IATA Class	Void
Packing group DOT, ADR/RID/ADN, IMDG, IATA	Void

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Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	Void

* 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

National regulations: Not applicable

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

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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

Date of preparation / last revision 12/01/2019 / 3

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)

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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
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 & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
EC50: Effective Concentration, 50 percent
IOELVS: Indicative Occupational Exposure Limit Values
mPa.s: milliPascal per second

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.