

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 13.10.2019

Version number 1

Revision: 13.10.2019

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

1.1 Product Identifier:

Trade name: Siren 4**CAS Number:**

64742-54-7

EC number:

265-157-1

Index number:

649-467-00-8

Registration number: 01-2119484627-25

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

Product category: PC24 Lubricants, greases, release products**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:

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:

GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008: The substance is classified and labelled according to the CLP regulation.**Hazard pictograms:** GHS08**Signal word:** Danger

Hazard-determining components of labelling:

Distillates (petroleum), hydrotreated heavy paraffinic

Hazard statements:

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

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Identification number(s)**EC number:** 265-157-1**Index number:** 649-467-00-8

SECTION 4: First aid measures

4.1 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.

After inhalation:

Remove the victim into fresh air, and keep at rest in a position that facilitates breathing.

Supply fresh air; consult doctor in case of complaints.

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!

Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

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:** Formation of toxic gases is possible during heating or in case of fire.**5.3 Advice for firefighters:****Protective equipment:** 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.

Floors may become slippery

6.2 Environmental precautions:

In case of seepage into the ground inform responsible authorities.

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

6.3 Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to section 13.

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:

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

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

Do not eat, drink or smoke while working.

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Handle in accordance with good industrial hygiene and safety procedures.

Information about fire and explosion protection:

This material has the potential to be a static accumulator.
Ensure proper grounding of all parts of the installation.

7.2 Conditions for safe storage, including any incompatibilities:

Storage:

Requirements to be met by storerooms and tanks:

Keep in a cool, dry place, protected from direct sunlight.

Ensure adequate ventilation

Suitable materials for packaging:

Polyethylene

Unsuitable material for receptacles and pipes:

PVC

Information about storage in one common storage facility: Store away from oxidising agents.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in fume cupboard.

Keep container tightly sealed.

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.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes and skin.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Respiratory protection:

None recommended under normal conditions of use.

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A/P2

Protection of hands:

Use protective gloves to EN ISO 374-1

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.

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.

Gloves made of Nitrile rubber, NBR

Neoprene gloves

Thickness: 0.7mm

Penetration time of glove material:

Permeation: Breakthrough time > 240 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: Protective work clothing

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

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

General Information:

Appearance:

Form:	Liquid.
Colour:	Amber / brown
Odour:	Slight hydrocarbon
Odour threshold:	Not determined.

pH-value: Not determined.

Change in condition

Melting point/freezing point:	Not determined.
Initial boiling point and boiling range:	>280 °C

Flash point: ≥ 225 °C

Flammability (solid, gas): Not applicable.

Ignition temperature: Not determined

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower:	1 Vol %
Upper:	10 Vol %

Vapour pressure at 20 °C: 0.01 hPa

Density at 15 °C: 830 kg/m³

Relative density at 15 °C: 0.83

Vapour density at 20 °C: >1 g/cm³

Evaporation rate: Not determined.

Solubility in / Miscibility with:

Water:	Insoluble.
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Partition coefficient: n-octanol/water: >6 log POW

Viscosity:

Dynamic:	Not determined.
Kinematic at 40 °C:	19 mm ² /s (unspecified)

Solvent content:

Oxidizing properties:	Not determined
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9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: Reacts violently with oxidizing agents, strong acids and strong bases.

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: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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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:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rabbit)

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):

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:

May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity:

Aquatic toxicity:

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic

LC50/96h	>5,000 mg/l (Oncorhynchus mykiss)
EC50/48h	>1,000 mg/l (Daphnia Magna)

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

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.

12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue: 13 08 99 Oil waste (not otherwise specified)

Contaminated packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning by a licensed recycling company.

Disposal must be made according to official regulations.

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SECTION 14: Transport information

14.1 UN-Number: ADR/RID/ADN, IMDG, IATA	Void
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.**REGULATION (EC) No 1907/2006 ANNEX XVII:** Conditions of restriction: 3**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

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

Asp. Tox. 1: Aspiration hazard – Category 1

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>**Disclaimer:**

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