

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 04.08.2019

Version number 1

Revision: 04.08.2019

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

1.1 Product Identifier:

Trade name: CHU 561, CWP400, CWP400e, CWP500, CWP500e, HMA-1, PVC-1

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

Product category:

Blend Ingredient

General use of Polyethylene 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:

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 product 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

3.2 Chemical characterisation: Mixtures:

Description: Mixture of harmless components.**Components:**

CAS: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	substance with a Community workplace exposure limit	25-50%
EINECS: 232-315-6			

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:

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

Take affected persons out of danger area and lay down.

Keep warm, position comfortably and cover well.

Never give anything by mouth to an unconscious person.

After inhalation:

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

Seek medical treatment in case of complaints.

After skin contact:

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

Do not pull solidified product off the skin.

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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 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:**

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

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:**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)**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.

Avoid formation of dust.

Remove any possible source of ignition (open flames, finches, smoking, other heat sources).

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.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Information about fire and explosion protection:

Dust can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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:**

Ensure adequate ventilation

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

Keep only in the original container tightly closed.

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Information about storage in one common storage facility:

Store away from oxidising agents.

Store away from reducing agents.

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

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: Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Vacuum clean contaminated clothing. Do not blow or brush off contamination.

Wash hands before breaks and at the end of work.

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter P2

Protection of hands:

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

Use protective gloves to EN ISO 374-1

Heat resistant gloves

Material of gloves: Not required

Penetration time of glove material: Not applicable.

Eye protection:

Safety glasses

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: Crystalline

Colour: White

Odour: Wax like [Slight]

Odour threshold: Not determined.

pH-value: Not applicable.

Change in condition

Melting point/freezing point: 107.2 - 118.3 °C

Initial boiling point and boiling range: 173.89 °C

Flash point: >193 °C (C.C. [Pensky-Martens])

Flammability (solid, gas): Not applicable.

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Ignition temperature:	330 - 410 °C
Decomposition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure:	Not determined. Not applicable.
Density at 20 °C:	0.94 g/cm ³
Relative density:	Not determined.
Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with:	
Water:	Insoluble.
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic:	<55 mPas
Kinematic:	Not applicable.
Solvent content:	
Oxidizing properties:	Not determined
9.2 Other information:	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: Dust may form explosive mixture in air.

10.4 Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials:

Oxidising Agents

Reducing 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: No data available.

Serious eye damage/irritation: No data available.

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.

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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:

Aquatic toxicity:

8002-74-2 Paraffin waxes and Hydrocarbon waxes

NOEC/NOEL	>100 mg/l (Fish) (Expected value) Based on modified data
LL/EL/IL50	>100 mg/l (crustaceans) (Expected value) Based on modified data
	>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:

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:

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

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:** None of the ingredients are listed.**National regulations:****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

ELINCS: European List of Notified 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>**Disclaimer:**

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