

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

1.1 Product identifier

- Gelwax 6513

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

- Product is defined as raw material for production or for further processing.

1.3 Details of the supplier of the safety data sheet

Wax Hellas S.A.

Eleftheriou Venizelou 223

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Greece

T. +30 210 5202000

E-mail address

info@wax.gr

1.4 Emergency telephone number

+30 210 5202000

SECTION 2: Hazards identification

2.1 Classification/ Hazards characteristics

- This product does not require labeling.

2.2 Additional safety information for humans and the environment:

- Risk of skin burns caused by hot melt.

SECTION 3: Composition/information on ingredients

3.1 Substance

Information on Components and Impurities

Chemical characterization	Component CAS-numbers	Component EC-numbers
A highly boiling hydrocarbon with the addition of a polymer	66070-58-4 68648-89-5 127883-08-3 8042-47-5	613-880-1 614-693-8 603-246-2 232-455-8

- Hazardous ingredients: None

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

- Take away contaminated clothes.

In case of inhalation

- Move affected person into fresh air.
- Keep warm and allow to rest.
- Consult a physician if necessary.

In case of skin contact

- In case of contact with molten product cool skin area rapidly with cold water.
- Do not peel solidified product off the skin.

In case of eye contact

- Rinse immediately thoroughly with plenty of water.
- In case of eye irritation consult an ophthalmologist.

In case of ingestion

- Rinse mouth thoroughly with water.

Information to physician

- No data available.
- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

- Foam
- Dry powder
- Sand
- Carbon dioxide (CO₂)

Unsuitable extinguishing media

- Water

5.2 Special hazards arising from the substance or mixture

- In case of fire may be liberated: Carbon dioxide, Nitro oxides (NOX), soot and other organic products.

5.3 Advice for firefighters

Special protective equipment for firefighters

- In case of fire: Wear self-contained breathing apparatus.

Further information

- Use water spray to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1 Personal precautions

- Wear breathing apparatus if exposed to vapor / dusts / aerosols.

6.2 Environmental precautions

- Do not allow into drains, water courses or soil.

6.3 Cleaning procedures:

- Allow product to cool down and solidify.

- Collect in suitable containers for recycling or disposal
- Please look disposal considerations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid forming of wax vapor/fume. If this is not possible provide proper air ventilation. if necessary use suction plant.

Advice on protection against fire and explosion

- Steps against electrostatic charges should be provided
- Product may only form ignitable compositions or burn if heated up to temperatures higher than flashpoint.
- Fire class B

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

- Only use containers approved for the substance/product group.
- Keep storage place cool and dry.
- Keep storage place well ventilated.

Additional information

- Materials to avoid : Strong oxidizing agents.
- Storage class VCI: 11 (Burnable Solids)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Contains no substances with occupational exposure limit values above their regulatory reporting threshold.

8.2 Exposure controls

Individual protection measures

Respiratory protection

- Use a respirator with an approved filter if a risk assessment indicates this is necessary. Provide adequate ventilation.

Hand protection

- Where there is a risk of contact with hands, use appropriate gloves
- Gloves must be inspected prior to use.
- Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection

- Tightly fitting safety goggles

Skin and body protection

- If contact with hot product is possible, please wear heat resistant and flame retardant protective clothing.

Hygiene measures

- Usual precautions for proper handling of chemicals should be observed.
- After work, before meal breaks, clean wax soiled skin by water and emollient cleaning agent/soap
- Avoid inhalation of wax fume.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form : solid
Colour: colourless/clear

Odour	low typical
Odour Threshold	no data available
Molecular weight:	no data available
pH	not applicable
Drop Point (DIN ISO 2176)	50-100°C
Initial boiling point and boiling range	undetermined
Vapor pressure	undetermined
Density at 20°C (DIN 53217)	approx. 0.82 g/cm ³
Solubility	<u>Water solubility:</u> (20°C) insoluble
Viscosity at 120°C (DIN 53019)	<100 mPa.s
Flash point (DIN ISO 2592)	approx. 205°C
Ignition temperature	not available
Self-ignition	not determined / only above flash point
Explosion hazard	only as aerosol / dust
Oxidizing properties	unknown
Vapor density	undetermined
Evaporation rate	undetermined

SECTION 10: Stability and reactivity

10.1 Conditions to avoid:

- No hazardous reactions known

10.2 Materials to avoid

- Strong oxidizing agents

10.3 Hazard decomposition products

- No hazardous decompositions products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Non-human toxicological data

11.2 Acute oral toxicity

- LD50 (rat) > 2000 mg/kg

11.3 Acute dermal toxicity

- LD50 (rabbit) > 2000 mg/kg

11.4 Additional information

- Data obtained by analogy e.g. QSAR.

SECTION 12: Ecological information

12.1 Ecotoxicity

- No data available.

12.2 Behavior in environmental compartments

- Technically correct releases of minimal concentrations to adapted biological sewage plants will not disturb the biodegradability of activated sludge.

12.3 Further information

- Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product Disposal

- With respect to local regulations, e.g. dispose of to suitable waste incineration plant.

13.2 Waste designations in accordance with EWC

Waste key number

- No waste key number as per the "European Waste types"- list can be assigned to this product, since such classification is based on the (as yet undetermined) use to which the product is put by the consumer.
- The waste key number must be determined as per the "European Waste Types"-list (decision on EU Waste Types List 2000/532/EC) in cooperation with the disposal company / producing company / official authority.

Empty packages

- Non-contaminated packages may be recycled

SECTION 14: Transport information

ADR

non-restricted

RID

non-restricted

IMDG

non-restricted

IATA

non-restricted

ADN/ADNR

non-restricted

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with us.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations

- The product does not require a hazard warning label in accordance to 67/548/EWG and 1999/45/EC; as well as EC/1272/2008.
- Please check local regulation and contact administration
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- Slightly hazardous to water in accordance with AwSV

SECTION 16: Other information

Recommended restrictions on use:

- Do not heat up to temperatures higher than flash point.

Further information

- Distribute new edition to clients

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.