

SAFETY DATA SHEET

Beeswax white

4. First aid measures

First aid measures

- Inhalation** : If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Skin Contact** : Wash with soap and water. Get medical attention if irritation develops.
- Eye contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.
- Notes to physician** : Not available.
- Specific treatments** : Not available.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical or CO₂ extinguisher or spray.
- Special exposure hazards** : Flammable liquid and vapour. Vapour may cause flash fire. Vapours may accumulate in low or confined areas, travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
Not available.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal Precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Avoid contact of spilled material and runoff with soil and surface waterways.
- Storage** : Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

Date of issue

11-11-2005.

Version

5.05

Page: 2/7

SAFETY DATA SHEET

Beeswax white

8. Exposure controls/personal protection

Exposure limit values :

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
<u>United Kingdom (UK)</u>	

Exposure controls

Occupational exposure controls : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits.

Respiratory protection : Ventilation is normally required when handling or using this product.

Hand protection : Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

>8 hour(s) (breakthrough time): neoprene , nitrile rubber

Eye protection : splash goggles

Skin protection : Work uniform or laboratory coat.

9. Physical and chemical properties

General information

Appearance

Physical state : Liquid. (Pasty)

Colour : White.

Odour : Solvent.

Important health, safety and environmental information

pH : Not applicable.

Melting point : 26°C (78.8°F)

Boiling point : 157 to 198°C (314.6 to 388.4°F)

Flash point : Closed cup: 40°C (104°F). (Pensky-Martens.)

Flammability (solid, gas) : Not applicable.

Explosive properties : Not available.

Explosion Limits : Lower: 0.6% Upper: 6.5%

Oxidising properties : Not available.

Relative density : 0.78 g/cm³ (20°C / 68°F)

Solubility : Partially soluble in diethyl ether.
Insoluble in cold water, hot water.

Viscosity : Dynamic: 100 cP

Other information

Auto-ignition temperature : 210°C (410°F)

Date of issue

11-11-2005.

Version

5.05

Page: 3/7

SAFETY DATA SHEET

Beeswax white

10. Stability and reactivity

- Stability** : The product is stable.
Conditions to Avoid : Keep from any possible contact with water.
Materials to avoid : Extremely reactive or incompatible with oxidising agents, acids.

11. Toxicological information

Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin Contact : Slightly irritating to the skin.
Eye contact : No known significant effects or critical hazards.

Acute toxicity

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Naphtha (petroleum), hydrodesulfurized heavy	LD50	>5000 mg/kg	Oral	Rat
	LD50	>3000 mg/kg	Dermal	Rabbit

- Carcinogenicity** : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Inhalation** : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
Other adverse effects : Not available.

12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Naphtha (petroleum), hydrodesulfurized heavy	Trout (LC50)	96 hour(s)	41.4 mg/l
	Shrimp (IC50)	96 hour(s)	4.3 mg/l

Other ecological information

Persistence/degradability

<u>Ingredient name</u>	<u>Aquatic half-life</u>	<u>Photolysis</u>	<u>Biodegradability</u>
Naphtha (petroleum), hydrodesulfurized heavy	-	-	Readily

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Other adverse effects

Date of issue

11-11-2005.

Version

5.05

Page: 4/7

SAFETY DATA SHEET






Beeswax white

13. Disposal considerations

- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
- Waste classification** : Not applicable.
- Hazardous waste** : The classification of the product may meet the criteria for a hazardous waste

14. Transport information

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional Information
ADR/RID Class	1300	UN 1300, "dangerous goods in limited quantities of class 3", III, ADR (Naphtha (petroleum), hydrodesulfurized heavy)	3	III		Hazard identification number 30 Reportable quantity 45 Remarks Dangerous goods in limited quantities
ADN Class	1300	UN 1300, "dangerous goods in limited quantities of class 3", III, ADN (Naphtha (petroleum), hydrodesulfurized heavy)	3	III		Remarks Dangerous goods in limited quantities Marine pollutant
IMDG Class	1300	"dangerous goods in limited quantities of class 3" UN 1300, (Naphtha (petroleum), hydrodesulfurized heavy). Marine pollutant (Naphtha (petroleum), hydrodesulfurized heavy)	3	III	 	Emergency schedules (EmS) F-E, S-E Marine pollutant Marine pollutant (P) Reportable quantity 30 Remarks Dangerous goods in limited quantities
IATA-DGR Class	1300	"dangerous goods in limited quantities of class 3" UN 1300, (Naphtha (petroleum), hydrodesulfurized heavy)	3	III		-

Date of issue

11-11-2005.

Version

5.05

Page: 5/7

SAFETY DATA SHEET

Beeswax white

15. Regulatory information

EU Regulations

Hazard symbol(s)

:



Dangerous for the environment.

Risk Phrases

:

R10- Flammable.
R66- Repeated exposure may cause skin dryness or cracking.
R67- Vapours may cause drowsiness and dizziness.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

:

S2- Keep out of the reach of children.
S29- Do not empty into drains.
S43- In case of fire, use Powder. sand Carbon Dioxide.
S46- If swallowed, seek medical advice immediately and show this container or label.

Other EU regulations

:

Not available.

Product use

:

Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, including amendments and the intended use.
- Consumer applications.

EC Statistical classification (Tariff Code)

:

32089091

Ingredients identification information

:

30% and more: aliphatic hydrocarbons. 5% or over but less than 15%: aromatic hydrocarbons; perfumes.

16. Other information

Full text of R phrases referred to in sections 2 and 3 - United Kingdom (UK)

:

R10- Flammable.
R65- Harmful: may cause lung damage if swallowed.
R66- Repeated exposure may cause skin dryness or cracking.
R67- Vapours may cause drowsiness and dizziness.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)

:

Xn - Harmful
N - Dangerous for the environment.

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Verified by T. Rutgers.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of issue

11-11-2005.

Version

5.05

Page: 6/7



This safety data sheet is prepared in accordance with EU
directive 91/155/EC amended by Directive 2001/58/EC



SAFETY DATA SHEET

Beeswax white

Version 5.05

Page: 7/7