

**Brown Brothers Distribution Ltd**

PO Box 162, Needham Road, Stowmarket IP14 2ZR

Tel : 01449 778 333 Fax : 01449 773 472

## Safety Data Sheet: CAVITY WAX CLEAR

Product Name	: Cavity Wax Clear
Product Code	: BDPBCCW1
Revision Date	: 19/08/2015
Revision Number	: 2

Company	: Brown Brothers Distribution Limited
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**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Flam. Liq. 3 H226 Flammable liquid and vapour.




Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



STOT SE 3 H336 May cause drowsiness or dizziness.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

 N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10-66-67: Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for

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preparations of the EU" in the latest valid version.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

Has a narcotizing effect.

### · **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### · **2.2 Label elements**

#### · **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

#### · **Hazard pictograms** GHS02, GHS07, GHS09

#### · **Signal word** Warning

#### · **Hazard-determining components of labelling:**

Naphtha (petroleum), hydrodesulfurized heavy

#### · **Hazard statements**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

#### · **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take precautionary measures against static discharge.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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

#### · **Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

### · **2.3 Other hazards**

The petroleum naphtha / petroleum distillate / lubricating oil meet the requirements for not being classified

as carcinogenic (<0,1% benzene alt<3% (w/w) DMSO extract (IP 346)).

#### · **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## **SECTION 3: Composition/information on ingredients**

### · **3.2 Chemical characterization: Mixtures**

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- **Description:** Mixture of substances listed below with additions.
- **Dangerous components:**

CAS: 64742-82-1 EC number: 919-446-0 Reg.nr.: 01-2119458049-33	Naphtha (petroleum), hydrodesulfurized heavy ☒ Xn R65; ☒ N R51/53 R10-66-67 ----- ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H332; STOT SE 3, H336	25-<50%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy ☒ Xn R65 R10 ----- ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304	5-<10%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## SECTION 4: First aid measures

### · 4.1 Description of first aid measures

- **After skin contact:** If skin irritation continues, consult a doctor.
- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** 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

No further relevant information available.

## SECTION 5: Firefighting measures

### · 5.1 Extinguishing media

- **Suitable extinguishing agents:** CO2, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:**

Water

Water with full jet

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

### · 5.3 Advice for firefighters

- **Protective equipment:** Mount respiratory protective device.
- **Additional information** Cool endangered receptacles with water spray.

## SECTION 6: Accidental release measures

### · 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

### · 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

### · 6.3 Methods and material for containment and cleaning up:

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

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

· **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 ventilation/exhaustion at the workplace.

Use only in well ventilated areas.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** 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 item 7.

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be

monitored at the workplace.

· <i>DNELs</i>		
<i>64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy</i>		
<i>Oral</i>	<i>Long-term - systemic effects, general population</i>	<i>26 mg/kg bw/day (General Population)</i>
<i>Dermal</i>	<i>Long-term - systemic effects, general population</i>	<i>26 mg/kg bw/day (General population)</i>
	<i>Long-term - systemic effects, worker</i>	<i>44 mg/kg bw/day (Worker)</i>
<i>Inhalative</i>	<i>Long-term - systemic effects, general population</i>	<i>71 mg/m3 (General Population)</i>
	<i>Long-term - systemic effects, worker</i>	<i>330 mg/m3 (Worker)</i>

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

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

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### · **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.

### · **Protection of hands:**



### *Protective gloves*

### · **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. As the product is a preparation of several substances, the

resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber

Recommended thickness of the material: <sup>3</sup> 0.12 mm

### · **Penetration time of glove material**

> 480 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*

· **Body protection:** Use protective suit.

## **SECTION 9: Physical and chemical properties**

### · **9.1 Information on basic physical and chemical properties**

#### · **General Information**

#### · **Appearance:**

**Form:** Fluid

**Colour:** Beige

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

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**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** 135 °C

- **Flash point:** 36 °C (DIN 53213)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 200 °C
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
- **Explosion limits:**  
**Lower:** 0.6 Vol %  
**Upper:** 7.0 Vol %
- **Vapour pressure At 20 °C:** 3.7 hPa
- **Vapour pressure At 50 °C:** 15 hPa
- **Density At 20 °C:** 0.85 g/cm<sup>3</sup> (DIN 51757)
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**  
**Dynamic:** Not determined.  
**Kinematic At 20 °C:** 30 s (DIN 53211/4)
- **Solvent content:**  
**Organic solvents:** 52.8 %  
**Solids content:** 47.2 % (DIN 53216)
- **9.2 Other information** No further relevant information available.
- **VOC (EU):** 52.80 %
- **VOC (EU):** 448.8 g/l
- **VOCV:** 52.80 %

## SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **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:** Carbon monoxide

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

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· **LD/LC50 values relevant for classification:**

<i>64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy</i>		
<i>Oral</i>	<i>LD50</i>	<i>&gt;5000 mg/kg (RAT)</i>

<i>Dermal</i>	<i>LD50</i>	<i>3400 mg/kg (RABBIT)</i>
<i>Inhalative</i>	<i>LC50/4 h</i>	<i>13.1 mg/l (RAT)</i>

<i>64742-48-9 Naphtha (petroleum), hydrotreated heavy</i>		
<i>Oral</i>	<i>LD50</i>	<i>&gt;5000 mg/kg (RAT)</i>
<i>Dermal</i>	<i>LD50</i>	<i>&gt;3000 mg/kg (RAT)</i>

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

**SECTION 12: Ecological information**

· **12.1 Toxicity**

· **Aquatic toxicity:**

**64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy**

EC50/48 h 10-22 mg/l (DAPHNIA MAGNA)

EC50/72 h 4.6-10 mg/l (ALGAE)

EC50/96 h 10-30 mg/L (Fish)

· **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.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **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.

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· <i>European waste catalogue</i>	
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- **14.1 UN-Number**
- **ADR, IMDG, IATA UN1139**
- **14.2 UN proper shipping name**
- **ADR 1139 COATING SOLUTION, ENVIRONMENTALLY HAZARDOUS, special provision 640E**
- **IMDG COATING SOLUTION (TURPENTINE SUBSTITUTE), MARINE POLLUTANT**
- **IATA COATING SOLUTION**

· <i>14.3 Transport hazard class(es)</i>	
· <i>ADR, IMDG</i>	
 	
· <i>Class</i>	3 Flammable liquids.
· <i>Label</i>	3
· <i>IATA</i>	
	
· <i>Class</i>	3 Flammable liquids.
· <i>Label</i>	3



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· 14.4 Packing group · ADR, IMDG, IATA	III
· 14.5 Environmental hazards:  · Marine pollutant:  · Special marking (ADR):	Product contains environmentally hazardous substances: Naphtha (petroleum), hydrodesulfurized heavy Yes Symbol (fish and tree) Symbol (fish and tree)
· 14.6 Special precautions for user · Danger code (Kemler): · EMS Number:	Warning: Flammable liquids. 30 F-E, S-E
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Transport classification ADR/IMDG is based on packaging >30ltr(IMDG), <450ltr(ADR). For other packaging units different classification can apply. See ADR 2.2.3.1.3/ 2.2.3.1.4 und IMDG 2.3.2.3 / 2.3.2.5
· ADR · Limited quantities (LQ) · Transport category · Tunnel restriction code	5L 3 D/E
· UN "Model Regulation":	UN1139, COATING SOLUTION, special provision 640E, 3, III, ENVIRONMENTALLY HAZARDOUS

## SECTION 15: Regulatory information

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

#### · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms** GHS02, GHS07, GHS09

· **Signal word** Warning

· **Hazard-determining components of labelling:**

Naphtha (petroleum), hydrodesulfurized heavy

· **Hazard statements**

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take precautionary measures against static discharge.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

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

· **National regulations:**

· **Technical instructions (air):**

<i>Class</i>	<i>Share in %</i>
<i>NK</i>	<i>52.8</i>

· **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

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

## SECTION 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.

· **Relevant phrases**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

R10 Flammable.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

· **Department issuing MSDS:** Product safety department.

· **Contact:** PPG Industries UK Ltd

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized 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)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

· \* **Data compared to the previous version altered.**

This data sheet is compiled to be of assistance but without guarantee. Users are responsible for safe working practices. Final determination of suitability of any material is the sole responsibility of the user.