

DARENT WAX COMPANY LIMITED

SAFETY DATA SHEET

In compliance with Article 31 and Annex II of Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

1. Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier**
Material/trade name: **16164 Wilslip mould release**
Product number(s): 91003 / 91125
- 1.2. Relevant identified uses of the substances or mixture and uses advised against**
Relevant identified uses: Release Agent
- 1.3. Details of the supplier of the safety data sheet**
Company: Darent Wax Company Limited
Address: 1 The Mills
Station Road
South Darent
Kent
DA4 9BD
UK
Telephone number: +44 (0) 1322 865892
E-mail address: acw@darentwax.com
- 1.4. Emergency telephone number**
Daytimes number: +44 (0) 1322 865892
Non business hours number: +44 (0) 7836 737 885

2. Hazards identification

2.1. Classification of the substance or mixture

Contains: Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%), 60-80%
EC No.: 919-446-0

Regulation (EC) No. 1272/2008 classification: Physical and chemical hazards: Not classified as hazardous
Human health hazards: Asp. Tox. 1, STOT SE 3
Environmental hazards: Not classified as hazardous

Directive 67/548 EEC or 1999/45 EC classification: Xn; R65

The full text for hazard statements and R phrases are provided in section 16.

2.2. Label elements (in accordance with Regulation (EC) No. 1272/2008)

Pictogram(s):



Signal word: Danger

Hazard statement(s): H336
H304
P261
P271
P304 + P340
P312
P403 + P233
P405
P501
P301 + P310

Precautionary statement(s): May cause drowsiness or dizziness
May be fatal if swallowed and enters airways
Avoid breathing vapours
Use only outdoors or in a well-ventilated area
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell
Store in a well-ventilated place and keep container tightly closed
Store locked up
Dispose of contents/container in accordance with local regulations
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
Repeated exposure may cause skin dryness or cracking

Supplemental label information (EU): EUH066

2.3. Other hazards

None specified.

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3. Composition/information on ingredients

3.1. Mixture

A blend of petroleum and natural based hydrocarbon waxes, fragrances and petroleum based solvent. This mixture is a solid paste, despite the high content of liquid petroleum. This is due to the liquid having been absorbed by the blend of waxes. In its solid paste state, as supplied, this mixture does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008 (2.7.2), Directive 1999/45 EC or the UN criteria (Model Regulation, Chapter 2.4) for a flammable solid. Furthermore, the solvent, in this state, is not available to the aquatic environment.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
EC No.	Classification (EC 1272/2008)	Classification (67/548/EEC)	Concentration
919-446-0	Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Xn; R65 N; R51/53 R10, R66, R67	60-80%

The full text for hazard statements and R phrases are provided in section 16

4. First aid measures

4.1. Description of first aid measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if symptoms persist.
Skin contact: Wash with soap and water. In case of skin irritation, consult a physician.
Eye contact: Flush with water for at least 15 minutes, keeping eyelids open. If irritation continues, seek medical attention.
Ingestion: Seek immediate medical attention.

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

Harmful if swallowed, may cause drowsiness or dizziness.

4.3. Indication of any immediate medical attention and special treatment needed

Specific treatment: First aid and treatment of symptoms.

5. Firefighting measures

5.1. Extinguishing media

Use mist sprays, carbon dioxide or dry chemicals.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion or high temperatures can produce acrid fumes.

5.3. Advice for firefighters

Do not breathe in fumes and wear respiratory protection equipment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing to prevent any contamination of skin, eyes and personal clothing. Avoid inhalation and ensure sufficient ventilation.

6.2. Environmental procedures

Contain spill safely, if possible. Prevent from entering drains, watercourses and sewers.

6.3. Methods and material for containment and cleaning up

Contain spill with inert material such as sand, earth or vermiculite. Collect and dispose of safely.

6.4. Reference to other sections

Refer to section 8 for further details on personal precautions, protective equipment and emergency procedures.
Refer to section 13 for further disposal details.

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7. Handling and storage

7.1. Precautions for safe handling

Protective measures: Handle in accordance with good industrial hygiene and safety. Avoid inhalation, use in well-ventilated areas and wear personal protective clothing.

Measures to prevent fires: Keep away from sources of ignition.

Measures to prevent the environment: Protect shafts and sewers from entry of the product.

Advice on general occupational hygiene: Work in well-ventilated zones or use proper respiratory protection. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safety storage, including any incompatibilities

Keep in original containers, tightly sealed and in a well-ventilated area. Store away from heat and direct sunlight.

7.3. Specific end use(s)

Recommendations: Observe instructions of use.

8. Exposure controls/personal protection

8.1. Control parameters

Advisory OEL (CEFIC – HSPA): 1200mg/m³

8.2. Exposure controls

Personal protection:

Respiratory protection: Avoid, as far as is reasonable practical, inhalation of vapour, mists or fumes generated during use and use in a well-ventilated area. If possible, use a mechanical ventilator. If technical exhaust or ventilation measures are not possible or insufficient, wear respiratory protection.

Skin protection: Wear suitable gloves and suitable protective work clothing. After contact with skin, wash immediately.

Eye protection: Wear suitable safety glasses.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: White Paste

Odour: Characteristic

Softening point (°C): N/A

Boiling point/range (°C): 145 - 200

Congeaing point (°C): N/A

Flash point (ASTM D 93) (°C): Not determined

Autoignition point (°C): >230

Density at 20°C (g/cm³): Approx. 0.8

Solubility in water (% by weight): Insoluble

Note: These are typical values and are not intended as a specification.

9.2. Other information

The high absorptive capacity of the blend of waxes means that this mixture exists as a solid paste, despite its high liquid content. As such, in this state as supplied, the mixture does not meet the criteria for classification in accordance with Regulation (EC) No. 1272/2008 (2.7.2), Directive 1999/45 EC or the UN criteria (Transport of Dangerous Goods, Model Regulation, Chapter 2.4) for a flammable solid.

10. Stability and reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product.

10.2. Chemical stability

Chemically stable under normal temperatures, recommended conditions of storage and use.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Prevent overheating.

10.5. Incompatible materials

Avoid contact with strong acids and oxidising agents.

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- 10.6. Hazardous decomposition products**
Thermal decomposition can produce carbon monoxide, organic acids, aldehydes, alcohols, irritating vapours and smoke.
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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitisation:	No data available.
Germ cell mutation:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT-single exposure:	No data available.
STOT-repeated exposure:	No data available.

11.2. Other potential health effects

Inhalation:	May cause drowsiness or dizziness.
Ingestion:	May be harmful if swallowed.
Eye Irritation:	May cause eye irritation.
Skin irritation:	May cause skin dryness and cracking through repeated exposure.

12. Ecological information

12.1. Toxicity

Non-toxic in normal conditions of use.

12.2. Persistence and degradability

Not expected to release persistent compounds.

12.3. Bioaccumulative potential

Not expected to bioaccumulate.

12.4. Mobility in soil

Immobile.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Follow instructions and incinerate or dispose of product and contaminated packaging in accordance with local authority regulations.

14. Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

IMDG:	Not classified as hazardous.
ADR/RID:	Not classified as hazardous.
IATA:	Not classified as hazardous.

14.6. Special precautions for user

Prevent overheating.

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14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
Not applicable.

15. Regulatory information

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

EU legislation:	Regulation (EC) No. 1272/2008 (CLP) and Regulation (EC) No. 1907/2006 (REACH)
Other regulations:	Health & Safety at Work etc. Act 1974 Control of Substances Hazardous to Health Regulations 2002 (as amended) Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended) EH40/2005 Workplace Exposure Limits (as amended) Environmental Protection Act 1990 Hazardous Waste Regulations 2005 (as amended)

15.2. **Chemical safety assessment**
No data available.

16. Other information

SDS Revision

This data sheet replaces the previous version of January 2015 to meet the requirements of Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008.

Regulation (EC) No. 1272/2008 Classification

This mixture has been classified using methods as described in Article 9(4) of Regulation (EC) No 1272/2008.

Full text of hazard statements

H336	May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H226	Flammable liquid and vapour.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Full text of R phrases

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

Further information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee any particular property. Our products are intended for sale to Industrial and Commercial Customers. We request that Customers inspect and test our products before use and satisfy themselves as to the contents and suitability. Nothing herein shall constitute any other warranty, express or implied. The toxicological data herein is correct at the time of issue.
