

SAFTY DATA SHEET

LIQUID WAX RELEASE AGENT

Revision Date: 22/08/2016

Revision Number: 2

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

1.1 Product identifier

Product Name: Liquid Wax Release Agent

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

Use of substance / mixture: For release from moulds made from metal, epoxy, polyurethane, GRP (polyester) vacuum-formed plastics, silicones, wood, plaster and MDF.

1.3 Details of the supplier of the safety data sheet

Supplier:

Name: DWR plastics

Address: Broadway, Newport, Shropshire TF10 7TP United Kingdom

Information contact: Danny Roper

E-Mail: info@dwrplastics.com

Telephone Number: 07576028547

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: 07576028547

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Asp. Tox. 1: H304; -: EUH066

Most important adverse effects: May be fatal if swallowed and enters airways. Repeated exposure may cause skin dryness or cracking.

2.2 Label elements

Label elements:

Hazard statements: H304: May be fatal if swallowed and enters airways.

H066: Repeated exposure may cause skin dryness or cracking.

Signal words: Danger

Hazard pictograms: GHS08: Health hazard



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Precautionary statements: P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/Physician. P331: Do NOT induce vomiting.
 P405: Store locked up.
 P302+350: IF ON SKIN: Gently wash with plenty of soap and water. P501: Dispose of contents/container to an approved waste disposal plant.


SECTION 3. Composition/information on ingredients

3.1 Substances

Chemical Characterization: Mixture

Mixture Description: Mixture of substance listed below with non-hazardous additions

Dangerous Components:

CAS number:	64742-47-8	 KEROSENE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT H304 H066	90-95%
EINECS number:	926-141-6		
REACH registered number(s):	01-2119456620-43		

SECTION 4: First aid measures

4.1 Description of first aid measures

Skin contact: Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are affected or if irritation persists, seek medical advice.

Eye contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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4.3 Indication of any immediate medical attention and special treatment needed

N/A

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Extinguishing media: Small fire : Use CO₂, dry chemical, alcohol foam, sand, earth or water fog.
Large fire : Use alcohol foam or water fog. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

N/A

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid the formation or spread of mists in the air. Avoid direct contact with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Original container stored in a dry and cool place.

7.3 Specific end uses:

N/A

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SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits:

Work place exposure limits: 8 hour TWA 1200 mg/m³

8.1.2 DNEL/PNEC-values:

Substance name: Liquid Wax Release Agent

Type	Exposure	Value	Population	Effect
DNEL	Oral	19 mg/kg/day	Consumers	Systemic

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Unlikely to be necessary where adequate ventilation is provided.

Hand protection: Nitrile gloves. Impermeable gloves, change regularly to avoid permeation problems.
Ensure gloves are manufactured/tested in accordance with BS EN 374.

Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: mild hydrocarbon solvent odour

Evaporation rate: No data available.

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: No data available.

Boiling point/range°C: 180-250

Melting point/range°C: -20

Flammability limits %: lower: 0.6

upper: 7.0

Flash point°C: 60 - 93

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: >200

Vapour pressure: 0.04 kPa@20C

Relative density: 0.799

pH: No data available.

VOC g/l: 859 mg/kg

9.2 Other information:

N/A

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SECTION 10: Stability and reactivity

10.1 Reactivity

N/A

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

N/A

10.4 Conditions to avoid:

Heat. Flames. Sources of ignition.

10.5 Incompatible materials:

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products:

Toxic gases/vapours/fumes of, Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrocarbons. and Oxides of Nitrogen (NO_x), dense black smoke.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

SECTION 12: Ecological information

12.1 Toxicity:

No data available

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

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12.6 Other adverse effects:

Negligible Eco toxicity.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Via an authorised waste disposal contractor to a approved waste disposal site.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Transport class: This product does not require a classification for transport.

SECTION 15: Regulatory information

N/A

SECTION 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.