

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

1.1. Product identifier

Product name: ZICOL RELEASE WAX

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

1.3. Details of the supplier of the safety data sheet

Company name: Resapol Ltd
Unit D4
Moss Industrial Estate
Leigh
Lancashire
UK
WN7 3PT

Tel: 01942 609 001

Email: sales@resapol.com

1.4. Emergency telephone number

Emergency tel: 01942 609 001
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Asp. Tox. 1: H304

Most important adverse effects: May be fatal if swallowed and enters airways.

2.2. Label elements

Label elements:

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

Hazard pictograms: GHS08: Health hazard



Signal words: Warning

Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P311: Call a.

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P321: Specific treatment (see instructions on this label).

P403+233: Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Other hazards: This product has no classification under CLP.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC -

REACH registered number(s): 01-2119480375-34-0010

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-156-6	64742-53-6	Substance with a Community workplace exposure limit.	-	70-90%

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232-315-6	8002-74-2	Substance with a Community workplace exposure limit.	-	10-30%
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Contains: A blend of hydrocarbon wax and mineral oil, together with other ingredients. The mixture is a soft waxy product, which is due to the oil etc. having been absorbed by the wax. In its paste state, as supplied, this mixture does not meet the criteria for classification in accordance with 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. Further, the solvent in this state is not available to the aquatic environment.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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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. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur. Convulsions may occur. There may be loss of consciousness.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Toxic. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

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: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is exhaust ventilation of the area. Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

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

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5 mg/m ³	10 mg/m ³	-	-

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UK	2mg/m ³	-	-	-
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DNEL/PNEC Values

Hazardous ingredients:

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	5.4mg/m ³ /8h	-	-
PNEC	Oral-secondary poisoning	9.33 mg/kg	-	-

8.2. Exposure controls

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

Respiratory protection: Self-contained breathing apparatus must be used in handling.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

Environmental: Storage should be placed inside a fully bunded area of sufficient size to contain the volume plus 10%.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Wax

Colour: Pale green

Odour: Characteristic odour

Evaporation rate: Not applicable.

Oxidising: Not applicable.

Solubility in water: Not applicable.

Viscosity: Not applicable.

Boiling point/range°C: >350

Melting point/range°C: 50 - 56

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: >150

Part.coeff. n-octanol/water: Not applicable.

Autoflammability°C: >200

Vapour pressure: Not applicable.

Relative density: 0.85-0.90 @ 15.6C

pH: Not applicable.

VOC g/l: Not applicable.

9.2. Other information

Other information: Solubility in water <1mg/l.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

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Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	>2000	mg/kg
VAPOURS	RAT	4H LD50	>5	mg/l
ORAL	RAT	LD50	>5000	mg/kg

Hazardous ingredients:

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC

DERMAL	RAT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	LC50	>5	mg/l

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DERMAL	-	LD50	>2000	mg/kg
ORAL	-	LD50	>5000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 1)	-	Hazardous: calculated

Symptoms / routes of exposure

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. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur. Convulsions may occur. There may be loss of consciousness.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
MYSID SHRIMP (<i>Mysidopsis bahia</i>)	96H LC50	>500,000	ppm
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	>400,000	ppm

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Hazardous ingredients:

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ALGAE	48H IC50	100	mg/l
Daphnia magna	48H EC50	10,000	mg/l
FISH	96H LC50	100	mg/l

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Daphnia magna	96H EL50	>10000	mg/l
Pimephales promelas	LL50	100	mg/l
Pseudokirchnerella subcapitata	NOEL	100	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Floats on water.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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

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

Specific regulations: Not applicable.

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H304: May be fatal if swallowed and enters airways.

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.