

RVP Repellent

Date of preparation: 2018-06-19

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## Section 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 PRODUCT IDENTIFIER

RVP Repellent

### ARTICLE NUMBERS

-

### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Water repellent and shape stabilizing product for wood products.

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

**Supplier:** Power Poles Limited

**Address:** Cherry Tree Bungalow, Brue Avenue, Colley Lane Industrial Estate, Bridgwater, Somerset, UK, TA6 5 LT

**Telephone:** -

**E-mail:** [info@powerpolesuk.com](mailto:info@powerpolesuk.com)

**Webpage:** [www.powerpolesuk.com](http://www.powerpolesuk.com)

### 1.4 EMERGENCY TELEPHONE NUMBER

Swedish Poisons Information Centre 112 (acute), 010-456-67-00 (office hours)

## Section 2. HAZARDS IDENTIFICATION

**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE ACCORDING TO CLP (DIRECTIVE 1272/2008/EC):** The product does not possess any health or environmentally hazardous properties. Nor is it flammable. Therefore the product is not subject to classification in accordance with CLP.

### 2.2 LABEL ELEMENTS

#### LABELLING ACCORDING TO CLP (DIRECTIVE 1272/2008/EC)

**Hazard pictogram(s)**

-

**Signal word(s)**

-

**Hazard statement(s)**

EUH210 – ‘Safety data sheet available on request’.

**Precautionary statement(s)**

-

**Other information:**

-

### 2.3 OTHER HAZARDS

The product does not meet the criteria for PBT (persistent / bioaccumulative / toxic) or vPvB (very persistent / very bioaccumulative).

## Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 MIXTURES

#### Composition according to CLP (Directive 1272/2008/EC)

Substance	EC nr	Reg.nr	CAS nr	%	Pictogram	H-phrases*	Category
Distillates	265-155-0	1-	64742-52-5	40-60	-	-	-

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(petroleum), hydrotreated heavy naphthenic**		2119 4671 70- 45- 0001		%			
Linseed oil	232-278-6	-	8001-26-1	40-60 %	-	-	-

\* For full wording of H-phrases see section 16.

\*\*Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London.

## Section 4. FIRST AID MEASURES

### 4.1 DESCRIPTION OF FIRST AID MEASURES

#### GENERAL RECOMMENDATION

Keep the victim warm and calm. Never give anything to eat or drink to an unconscious person. If uncertain or if symptoms remain, consult a doctor. Show this SDS to medical personnel.

#### AFTER INHALATION

Supply fresh air and rest. Consult a doctor if symptoms develop.

#### AFTER SKIN CONTACT

Wash skin with soap and water.

#### AFTER EYE CONTACT

Rinse opened eye for several minutes under running water (lukewarm). Keep eyelids apart. Remove contacts if present. Consult a doctor if symptoms develop.

#### AFTER INGESTION

Rinse out mouth with water and drink give two glasses of water to drink.

### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECT, BOTH ACUTE AND DELAYED

Prolonged or repeated exposure may cause skin dryness or cracking. May cause mild irritation to eyes. Heated product may emit oil mist which may be mildly irritating to the respiratory system. Excessive exposure to vapours may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting. May cause nausea, vomiting and diarrhea.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Emergency eye wash should be available in the workplace.

## Section 5. FIREFIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

Choice of the extinguishing media based on what is burning in the environment.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

The product is not flammable. Fumes containing oxides of carbon can develop in case of fire, e.g. Carbon Dioxide, Carbon Monoxide, Sulfur Oxides and Hydrogen Sulphides. Risk of self-ignition of contaminated materials such as rags, tassels and sawdust.

### 5.3 ADVICE FOR FIREFIGHTERS

Wear protective equipment suitable for chemical fires, including breathing apparatus.

## Section 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Ensure adequate ventilation. Use protective equipment according to section 8 of this SDS.

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## 6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter sewers/surface or ground water. Inform the emergency services in case of spills.

## 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Contain any spilled material by absorbing it in vermiculite, dry sand or earth and place into labeled containers for disposal (see Section 13). Irrigate contaminated area with plenty of water. Risk of self-ignition of contaminated materials such as rags, tassels and sawdust.

## 6.4 REFERENCE TO OTHER SECTIONS

Refer to section 8 and 13 of this SDS for information on protective equipment and waste handling.

# Section 7. HANDLING AND STORAGE

## 7.1 PRECAUTIONS FOR SAFE HANDLING

Use personal protective equipment, see Section 8.

## 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a well-sealed container placed in a cool, dry and well-ventilated place. Protect from frost. Keep away from food. Risk of self-ignition of contaminated materials such as rags, tassels and sawdust.

## 7.3 SPECIFIC END USE(S)

See EWC code in section 13 of this SDS.

# Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 CONTROL PARAMETERS

**OCCUPATIONAL EXPOSURE LIMIT VALUES (ACCORDING TO DIRECTIVES 91/322/EEC, 2000/39/EC AND 2006/15/EC)**

-

### PNEC

No data available.

### DNEL

No data available.

## EXPOSURE CONTROLS

Ensure good ventilation. Avoid contact with eyes and skin.

## RESPIRATORY PROTECTION

Normally not required.

## HAND PROTECTION

Normally not required. Use gloves for prolonged or repeated exposure.

## EYE/FACE PROTECTION

Normally not required. However, wear protective goggles at risk of splashing in the eyes.

## SKIN PROTECTION

Normal working clothes.

## HYGIENE MEASURES

No food, drinks or smoking at the workplace. Remove all contaminated clothing. Wash hands and/or face before breaks and at the end of the workday. Emergency eye wash should be available in the workplace.

# Section 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 INFORMATION ON FUNDAMENTAL PHYSICAL AND CHEMICAL PROPERTIES

(a) Appearance	Dark brown/black liquid
(b) Odour	Weak odour of vegetable oil
(c) Odour threshold	Not determined.
(d) pH	Not determined.
(e) Melting point/ freezing point	Not determined.
(f) Initial boiling point and boiling range	>300°C

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(g) Flash point	184,5 °C (EN ISO 2719)
(h) Evaporation rate	Not determined.
(i) Flammability (gas, solid)	Product is not flammable.
(j) Upper/lower flammability or explosive limits	Not relevant.
(k) Vapour pressure	Not relevant.
(l) Vapour density	Not relevant.
(m) Relative density	939,9 kg/m <sup>3</sup> (EN ISO 12185)
(n) Solubility(ies)	Not determined.
(o) Partition coefficient: n-octanol/water	Not relevant.
(p) Auto-ignition temperature	Not relevant.
(q) Decomposition temperature	Not relevant.
(r) Viscosity	62,87 mm <sup>2</sup> /s 40 °C (ASTM 7042) (cinematic) 41,93 mm <sup>2</sup> /s 50 °C (ASTM 7042) (cinematic) 16,33 mm <sup>2</sup> /s 80 °C (ASTM 7042) (cinematic) 10,18 mm <sup>2</sup> /s 100 °C (ASTM 7042) (cinematic)
(s) Explosive properties	Not explosive.
(t) Oxidising properties	Not relevant.
VOC	Not relevant.
Vacumdestillation (2mm Hg)	ASTM D 1160
IBP	330 °C
5 vol % recovered	354 °C
10 vol% recovered	360 °C
20 vol % recovered	375 °C
30 vol % recovered	392 °C
40 vol % recovered	437 °C
FBP	437 °C
Recovery	40 vol %

9.2 OTHER INFORMATION

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**Section 10. STABILITY AND REACTIVITY**

**10.1 REACTIVITY**

Stable product under normal conditions of handling and storage.

**10.2 CHEMICAL STABILITY**

Stable product under normal conditions of handling and storage.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

Stable product under normal conditions of handling and storage.

**10.4 CONDITIONS TO AVOID**

Extreme temperatures. Risk of self-ignition of contaminated materials such as rags, tassels and sawdust.

**10.5 INCOMPATIBLE MATERIALS**

Not known under normal conditions of handling and storage.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

Fumes containing oxides of carbon can develop in case of fire, e.g. Carbon Dioxide, Carbon Monoxide, Sulfur Oxides and Hydrogen Sulphides.

**Section 11. TOXICOLOGICAL INFORMATION**

**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

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	<b>ACUTE EFFECTS</b>	<b>CHRONIC EFFECTS</b>
<b>SKIN CONTACT</b>	Prolonged or repeated exposure may cause skin dryness or cracking	-
<b>EYE CONTACT</b>	May cause mild eye irritation.	-
<b>INHALATION</b>	Heated product may emit oil mist which may be mildly irritating to the respiratory system. Excessive exposure to vapours may cause symptoms such as headache, dizziness, fatigue, nausea and vomiting.	-
<b>INGESTION</b>	May cause nausea, vomiting and diarrhea.	-

The above effects are not sufficient to give rise to any classification of the product.

**ACUTE TOXICITY**

**TOXICOLOGICAL DATA FOR THE PRODUCT AS IS**

No data available.

**TOXICOLOGICAL DATA FOR INCLUDED COMPONENTS**

**Distillates (petroleum), hydrotreated heavy naphthenic:**

LD50 Oral Rat: >5000 mg/kg Body Weight (no acute toxicity)

LD50 Dermal Rabbit: >5000 mg/kg Body Weight (no acute toxicity)

**Linseed oil:**

LD50 Oral Rat: >15000 mg/kg Body Weight (no acute toxicity)

Laxative. Possible allergen.

**(a) acute toxicity**

The products might be slightly irritating to eyes, skin and respiratory system.

**(b) skin corrosion/irritation**

No irritating effect known.

**(c) serious eye damage/irritation**

Not known.

**(d) respiratory or skin sensitisation**

Not known.

**(e) germ cell mutagenicity**

No mutagenicity known.

**(f) carcinogenicity**

No carcinogenicity known.

**(g) reproductive toxicity**

No reproductive toxicity known

**(h) STOT-single exposure**

No effects known.

**(i) STOT-repeated exposure**

No effects known.

**(j) aspiration hazard**

Not known.

**INTERACTIVE EFFECTS**

No interactive effects known.

**MISSING DATA**

See the Chemical Safety Assessment (CSA) for data on more substances.

**Section 12. ECOLOGICAL INFORMATION**

**12.1 TOXICITY**

Not classified as hazardous to the aquatic environment.

**ECOLOGICAL DATA FOR THE PRODUCT AS IS**

No data available.

**ECOLOGICAL DATA FOR INCLUDED COMPONENTS**

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**Distillates (petroleum), hydrotreated heavy naphthenic:**

LC50 Fish 96h: >5000 mg/l (Art: Oncorhynchus mykiss) (not hazardous)

**Linseed oil:**

Readily degradable.

**12.2 PERSISTENCE AND DEGRADABILITY**

No information available.

**12.3 BIOACCUMULATIVE POTENTIAL**

No information available.

**12.4 MOBILITY IN SOIL AND WATER**

No information available.

**12.5 RESULTS OF PBT AND vPvB ASSESSMENT**

Does not fulfil the criteria for classification as PBT or vPvB.

**12.6 OTHER ADVERSE EFFECTS**

No other adverse effects known.

**SUMMARY**

The product is not classified as harmful to the environment. However, do not allow the product to reach ground water, water course or sewage system. See the Chemical Safety Assessment (CSA) for data on more substances.

**Section 13. DISPOSAL CONSIDERATIONS**

**SURPLUS/UNUSED PRODUCT**

Unused product is hazardous waste according to directive 2000/532/EC.

Suggestion of EWC codes:

**07 06** wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

**07 06 99** wastes not otherwise specified

**WASTE**

Waste is classified as hazardous waste and should be taken care of in conformity with national and local regulations.

**WASTE TREATMENT METHODS**

Hazardous waste and should be taken care of in conformity with national and local regulations.

**CONTAMINATED PACKAGING**

Contaminated packaging is considered hazardous waste and should be taken care of in conformity with national and local regulations.

**Section 14. TRANSPORT INFORMATION**

Not classified as dangerous goods in accordance with ADR/RID/IMO/DGR.

**14.1 - UN-NUMBER**

-

**14.2 - PROPER SHIPPING NAME**

-

Tunnel restriction code:-

EmS: -

**14.3 - CLASS**

-

**14.4 - PACKAGING GROUP**

-

**14.4.1 - LIMITED QUANTITY**

-

**14.5 - ENVIRONMENTAL RISKS**

The product is not classified as hazardous to aquatic organisms.

**14.6 - SPECIAL SAFETY MEASURES**

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**14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE**

Not relevant. The product is not classified as dangerous goods.

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**Section 15. REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Safety data sheet and classification in accordance with CLP (Regulation 830/2015/EC).

**15.2 CHEMICAL SAFETY ASSESSMENT**

A Chemical safety assessment (CSA) is available for the product.

**Section 16. OTHER INFORMATION****H PHRASES GIVEN UNDER SECTION 3 IN PLAIN TEXT**

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**LEGEND TO ABBREVIATIONS**

-

**LITERATURE REFERENCES AND SOURCES FOR DATA**

Refer to chemical safety assessment (CSA) for sources.

**CHANGES MADE IN CASE OF REVISIONS**

Version 1 (2018-06-19): First edition.

**OTHER**

The current Safety Data Sheet was defined by Power Poles Limited on the basis of knowledge of the product at the date of issue.

It is the duty of the operator

- to develop under his own responsibility, the safety dispositions regarding the operation of the product taking into account the data from this form
- to pass to all users and operators the appropriate safety data and warning regarding the risks mentioned in the documentation relative to the utilization of the product
- to be cautious of possible risks faced when the product is used for other utilization than those for which it has been designed

This SDS has been compiled with assistance from Amasis Konsult AB, Solna, Sweden.