



## SAFETY DATA SHEET

PAINT PANTHER RED - DCM THIXO WATER WASHABLE PAINT STRIPPER

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Compilation date: 09/11/2017

Revision No: 2

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

#### 1.1. Product identifier

**Product name:** PAINT PANTHER RED - DCM THIXO WATER WASHABLE PAINT STRIPPER

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

**Use of substance / mixture:** Professional Use. Industrial Use. Paint, Varnish and Graffiti Remover

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** J.V. Barrett & Co Ltd

St Ivel way

Warmley

Bristol

BS30 8TY

United Kingdom

**Tel:** 01179600060

**Fax:** 01179352437

**Email:** [sales@barrettine.co.uk](mailto:sales@barrettine.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1179 672222 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.)

+44 (0) 1270 502891 (Out of hours emergency number)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 4: H302+312+332; Carc. 2: H351; STOT RE 2: H373; STOT SE 2: H371; STOT SE 1: H370

**Most important adverse effects:** Harmful if swallowed, in contact with skin or if inhaled. Suspected of causing cancer. Causes damage to organs . May cause damage to organs through prolonged or repeated exposure.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H351: Suspected of causing cancer.

H370: Causes damage to organs .

H373: May cause damage to organs through prolonged or repeated exposure.

[cont...]

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**Hazard pictograms:** GHS07: Exclamation mark

GHS08: Health hazard



**Signal words:** Warning

**Precautionary statements:** P102: Keep out of reach of children.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe fumes/vapours.

P270: Do not eat, drink or smoke when using this product.

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

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

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P312: Call a POISON CENTER/doctor if you feel unwell.

P501: Dispose of contents/container to local/regional/national/international regulations.

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

P330: Rinse mouth.

P405: Store locked up.

P361+364: Take off immediately all contaminated clothing and wash it before reuse.

## 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

DICHLOROMETHANE - REACH registered number(s): 01-2119480404-41-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-838-9	75-09-2	-	Carc. 2: H351	70-95%

METHANOL - REACH registered number(s): 01-2119433307-44-XXXX

200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	1-10%
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HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%). - REACH registered number (s): 01-2119458049-33

-	919-446-0	-	Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 1: H372; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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[cont...]

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PARAFFIN WAX - REACH registered number(s): 01-2119488075-30-XXXX

232-315-6	8002-74-2	Substance with a Community workplace exposure limit.	-	1-10%
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**Contains:** DICHLOROMETHANE; METHANOL; HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%); PARAFFIN WAX

## 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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention promptly if symptoms occur after washing.

**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 casualty from exposure ensuring one's own safety whilst doing so.

### 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.

**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:** Not applicable.

## 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. Do not use water jet

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** 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

[cont...]

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

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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

**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

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

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from sources of ignition.

### 7.3. Specific end use(s)

**Specific end use(s):** PC9a: Coatings and paints, thinners, paint removers.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Hazardous ingredients:

#### DICHLOROMETHANE

#### Workplace exposure limits:

#### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	350 mg/m <sup>3</sup>	1060 mg/m <sup>3</sup>	-	-

#### METHANOL

UK	266 mg/m <sup>3</sup>	333 mg/m <sup>3</sup>	-	-
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#### PARAFFIN WAX

UK	6 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-	-
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## DNEL/PNEC Values

[cont...]

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## Hazardous ingredients:

### DICHLOROMETHANE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	353 mg/m <sup>3</sup>	Workers	-
DNEL	Dermal (repeated dose)	4750 mg/kg/day	Workers	-
DNEL	Inhalation	706 mg/m <sup>3</sup>	Workers	-
DNEL	Inhalation (repeated dose)	88.3 mg/m <sup>3</sup>	Consumers	-
DNEL	Oral	0.06 mg/kg/day	Consumers	-
DNEL	Inhalation	353 mg/m <sup>3</sup>	Consumers	-
DNEL	Dermal	2395 mg/kg/day	Consumers	-
PNEC	Fresh water	0.54 mg/l	-	-
PNEC	Marine water	0.194 mg/l	-	-
PNEC	Fresh water sediments	4.47 mg/kg	-	-
PNEC	Marine sediments	1.61 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	26 mg/l	-	-
PNEC	Soil (agricultural)	0.583 mg/kg	-	-
PNEC	Intermittent release	0.27 mg/l	-	-

### HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%).

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	44 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	330 mg/m <sup>3</sup> /8h	Workers	Systemic
DNEL	Dermal (repeated dose)	26 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	76 mg/m <sup>3</sup> /24h	General Population	Systemic
DNEL	Oral (repeated dose)	26 mg/kg bw/day	General Population	Systemic

## 8.2. Exposure controls

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

**Respiratory protection:** If ventilation is insufficient suitable respiratory protection must be provided.

**Hand protection:** Protective gloves.

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

**Skin protection:** Protective clothing.

**Environmental:** Avoid release to the environment

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid gel.

**Colour:** Colourless

**Odour:** Pungent

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Soluble

[cont...]

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**Also soluble in:** Most organic solvents.

**Viscosity:** No data available.

**Boiling point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**Flash point°C:** No data available.

**Autoflammability°C:** 556

**Relative density:** 1.3

**VOC g/l:** No data available.

**Melting point/range°C:** -95

**upper:** No data available.

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

**Vapour pressure:** 47.4 kPa

**pH:** No data available.

## 9.2. Other information

**Other information:** Explosive limits: 12 vol % - 25 vol %

## 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.

### 10.4. Conditions to avoid

**Conditions to avoid:** Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### DICHLOROMETHANE

ORL	MUS	LD50	4770	mg/kg
ORL	RAT	LD50	5350	mg/kg
SCU	MUS	LD50	6460	mg/kg

#### METHANOL

IVN	RAT	LD50	2131	mg/kg
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ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

## HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%).

DERMAL	RAT	LD50	>3400	mg/kg
ORAL	RAT	LD50	>15000	mg/kg
VAPOURS	RAT	LD50	>13100	mg/m3

## PARAFFIN WAX

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

## Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
STOT-repeated exposure	-	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. 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.

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

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### METHANOL

BLUEGILL ( <i>Lepomis macrochirus</i> )	96H LC50	15400	mg/l
Daphnia magna	48H EC50	> 10000	mg/l
Salmo gairdneri	96H LC50	10800	mg/l

##### PARAFFIN WAX

ALGAE	NOEL	>100	mg/l
Daphnia magna	EL50	>10000	mg/l

[cont...]

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Daphnia magna	NOEL	10	mg/l
FISH	LL50	>100	mg/l

## 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

## 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

## 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:** Avoid release to the environment.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

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

**Waste code number:** 20 01 13

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

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN2810

### 14.2. UN proper shipping name

**Shipping name:** TOXIC LIQUID, ORGANIC, N.O.S.  
(DICHLOROMETHANE; METHANOL)

### 14.3. Transport hazard class(es)

**Transport class:** 6.1

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 2

[cont...]



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## Section 15: Regulatory information

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

**Specific regulations:** Not applicable.

### 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:** H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H331: Toxic if inhaled.

H336: May cause drowsiness or dizziness.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H372: Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

**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.

# Transport Information Expert Data Sheet

## ADR/RID - Transport by Road and Rail

<b>UN no:</b>	2810	<b>Class:</b>	6.1	<b>Class. code:</b>	T1
<b>Labels:</b>	6.1	<b>Spec. prov:</b>	274 614	<b>Pack. group:</b>	III
<b>HI no:</b>	60	<b>Veh. for tank:</b>	AT	<b>Trans. cat:</b>	2
<b>Tunnel:</b>	E				

### Limited and Excepted Quantities

<b>Ltd. qty:</b>	5 L	<b>Excptd. qty:</b>	E1
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### Packaging

<b>Instructions:</b>	P001 IBC03 LP01	<b>Spec. prov:</b>		<b>Mixed prov:</b>	MP19
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### UN Portable Tank

<b>Instructions:</b>	T7	<b>Spec. prov:</b>	TP1 TP28
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### ADR Tank

<b>Tank code:</b>	L4BH	<b>Spec. prov:</b>	TU15 TE19
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### Special Provisions for Carriage

<b>Packages:</b>	V12	<b>Bulk:</b>		<b>Loading, etc:</b>	CV13 CV28
<b>Operation:</b>	S9				

**Shipping name:** TOXIC LIQUID, ORGANIC, N.O.S.

## IMDG - Transport by Sea

<b>UN no:</b>	2810	<b>Class:</b>	6.1	<b>Packing group:</b>	III
<b>Emerg. sched:</b>	F-A,S-A	<b>Mar. pollutant:</b>		<b>Label:</b>	6.1
<b>Spec. prov:</b>	223 274 944				

### Limited and Excepted Quantities

<b>Ltd. qty:</b>	5 L	<b>Excptd. qty:</b>	E1
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### Packaging

<b>Instructions:</b>	P001 LP01	<b>Provisions:</b>	
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**IBC**

**Instructions:** IBC03

**Provisions:**

**Tank Instructions**

**IMO:**

**UN:** T7

**Provisions:** TP1 TP28

**IATA - Transport by Air**

**UN no:** 2810

**Class:** 6.1

**Subs. risk:**

**Packing group:** III

**Label:** 6.1

**Excptd. qty:** E1

**Spec. prov:** A137

**ERG:** 6L

**Cargo Aircraft Only**

**Pg. instr:** 663

**Max. quantity:** 220 L

**Passenger and Cargo Aircraft**

**Pg. instr:** 655

**Max. quantity:** 60 L

**Passenger and Cargo Limited Quantity**

**Pg. instr:** Y642

**Max. quantity:** 2 L

**CDG - Transport by Road and Rail (UK Only)**

**UN no:** 2810

**Class:** 6.1

**Packing group:** III

**Label:** 6.1

**Spec. prov:** 274 614

**EAC:** 2X

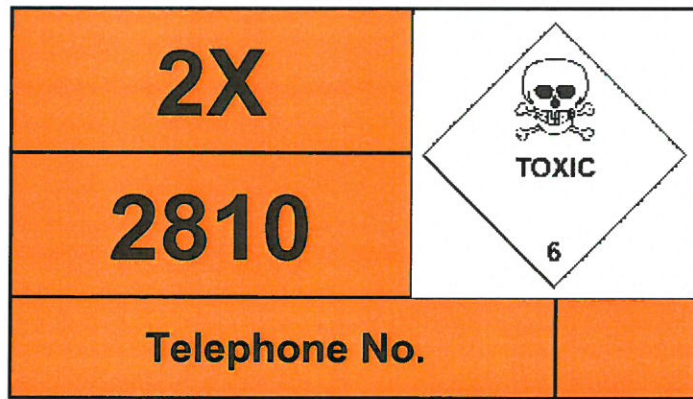
**Shipping name:** TOXIC LIQUID, ORGANIC, N.O.S.

**Label(s):**



Other Label(s):

Placard:



ADR Plate:

