



SAFETY DATA SHEET

PAINT PANTHER RED - DCM SPIRIT 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 SPIRIT 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

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.

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

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

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

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

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

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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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

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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.

Suitable packaging: Must only be kept in original packaging.

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 ³	1060 mg/m ³	-	-

METHANOL

UK	266 mg/m ³	333 mg/m ³	-	-
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PARAFFIN WAX

UK	6 mg/m ³	2 mg/m ³	-	-
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DNEL/PNEC Values

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Hazardous ingredients:

DICHLOROMETHANE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	353 mg/m ³	Workers	-
DNEL	Dermal (repeated dose)	4750 mg/kg/day	Workers	-
DNEL	Inhalation	706 mg/m ³	Workers	-
DNEL	Inhalation (repeated dose)	88.3 mg/m ³	Consumers	-
DNEL	Oral	0.06 mg/kg/day	Consumers	-
DNEL	Inhalation	353 mg/m ³	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 ³ /8h	Workers	Systemic
DNEL	Dermal (repeated dose)	26 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	76 mg/m ³ /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: Insoluble

[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/m ³

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

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

14.1. UN number

UN number: UN2810

14.2. UN proper shipping name

Shipping name: TOXIC LIQUID, ORGANIC, N.O.S.
(DICHLOROMETHANE; METHANOL; HYDROCARBONS, C9-C12, N-ALKANES,
ISOALKANES, CYCLICS, AROMATICS (2-25%.))

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

[cont...]

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14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 2

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

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

Limited and Excepted Quantities

Ltd. qty:	5 L	Excptd. qty:	E1
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Packaging

Instructions:	P001 IBC03 LP01	Spec. prov:		Mixed prov:	MP19
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UN Portable Tank

Instructions:	T7	Spec. prov:	TP1 TP28
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ADR Tank

Tank code:	L4BH	Spec. prov:	TU15 TE19
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Special Provisions for Carriage

Packages:	V12	Bulk:		Loading, etc:	CV13 CV28
Operation:	S9				

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

IMDG - Transport by Sea

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

Limited and Excepted Quantities

Ltd. qty:	5 L	Excptd. qty:	E1
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Packaging

Instructions:	P001 LP01	Provisions:	
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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:

