

## SAFETY DATA SHEET

CARBOSOLV WHITE SPIRIT

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Compilation date: 16/02/2015

Revision date: 30/07/2018

Revision No: 3

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

#### 1.1. Product identifier

**Product name:** CARBOSOLV WHITE SPIRIT

**Product code:** S001,S003, S004, S005,S006

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

**Use of substance / mixture:** For thinning paint, degreasing, brush maintenance.

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

**Company name:** Palatine Paints & Chemicals Limited

55 Smallbrook Lane

Leigh

Lancashire

WN7 5PZ

United Kingdom

**Tel:** 01942 884122

**Email:** sales@palatinepaints.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1942 884122 (Office hours only 8am - 5pm Mon- Fri.)

### Section 2: Hazards identification

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

**Classification under CLP:** Asp. Tox. 1: H304; STOT RE 1: H372; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066

**Most important adverse effects:** Flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H226: Flammable liquid and vapour.

[cont...]

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H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H372: Causes damage to organs through prolonged or repeated exposure.

H411: Toxic to aquatic life with long lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Signal words:** Danger

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

P405: Store locked up.

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

P261: Avoid breathing vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do NOT induce vomiting.

P302+P352: IF ON SKIN: Wash with plenty of water.

P501: Dispose of contents/container to in accordance with local regulations.

P403+P235: Store in a well-ventilated place. Keep cool.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P242: Use non-sparking tools.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**

[cont...]

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HYDROCARBONS, C9-C12, N-ALKANES, ISOALKANES, CYCLICS, AROMATICS (2-25%). - REACH  
registered number(s): 01-2119458049-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
919-446-0	-	-	Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 1: H372; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	70-98%

XYLENE - REACH registered number(s): 01-2119488216-32-XXXX

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	1-10%
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### 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. Get medical attention promptly if symptoms occur after washing.
- Eye contact:** Bathe the eye with running water for 15 minutes. Get medical attention promptly if symptoms occur after washing.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible.

#### 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 irritation of the throat.
- Inhalation:** Drowsiness or mental confusion may occur.

**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:** Treat Symptomatically.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Sand. Dolomite or other inert material. Do not use water jet

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

**Exposure hazards:** Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

[cont...]

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### 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. Contain the spread of the firefighting media. Do not allow run-off from firefighting to enter drains or water courses.

## 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. Notify the police and fire brigade immediately. Eliminate all sources of ignition. 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. Do not use equipment in clean-up procedure which may produce sparks.

### 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:** Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

### 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 sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Keep away from food, drink and animal feeding stuffs.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

[cont...]

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**Hazardous ingredients:**

**XYLENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m <sup>3</sup>	441 mg/m <sup>3</sup>	-	-

**DNEL/PNEC Values**

**Hazardous ingredients:**

**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

**XYLENE**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	289 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation	289 mg/m <sup>3</sup>	Workers	Local
DNEL	Dermal (repeated dose)	180 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	77 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation (repeated dose)	77 mg/m <sup>3</sup>	Workers	Local
DNEL	Inhalation	174 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Inhalation	174 mg/m <sup>3</sup>	General Population	Local
DNEL	Oral (repeated dose)	1.6 mg/kg bw/day	General Population	Systemic
DNEL	Inhalation (repeated dose)	14.8 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Dermal (repeated dose)	108 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.327 mg/l	-	-
PNEC	Fresh water sediments	12.46 mg/kg	-	-
PNEC	Soil (agricultural)	2.31 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	6.58 mg/l	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is exhaust ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

[cont...]

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### Section 9: Physical and chemical properties

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

<b>State:</b>	Liquid		
<b>Colour:</b>	Colourless		
<b>Odour:</b>	Hydrocarbons		
<b>Evaporation rate:</b>	No data available.		
<b>Oxidising:</b>	No data available.		
<b>Solubility in water:</b>	Immiscible with water		
<b>Viscosity:</b>	0.95 cSt @ 25 oC		
<b>Boiling point/range°C:</b>	150-200	<b>Melting point/range°C:</b>	No data available.
<b>Flammability limits %: lower:</b>	0.7	<b>upper:</b>	7
<b>Flash point°C:</b>	40 cc	<b>Part.coeff. n-octanol/water:</b>	No data available.
<b>Autoflammability°C:</b>	230	<b>Vapour pressure:</b>	1.9 hPa
<b>Relative density:</b>	No data available.	<b>pH:</b>	No data available.
<b>VOC g/l:</b>	100%		

#### 9.2. Other information

**Other information:** No data available.

### 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. Stable at room temperature.

#### 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. Hot surfaces. Sources of ignition. Flames.

#### 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 of carbon dioxide / carbon monoxide.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

[cont...]

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### Hazardous ingredients:

#### 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

#### XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

### Relevant hazards for product:

Hazard	Route	Basis
STOT-single exposure	-	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	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 irritation of the throat.

**Inhalation:** Drowsiness or mental confusion may occur.

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

### Section 12: Ecological information

#### 12.1. Toxicity

### Hazardous ingredients:

#### XYLENE

ALGAE	72H IC50	2.2	mg/l
DAPHNIA	48H EC50	1	mg/l
FISH	96H LC50	2.6	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:** The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

[cont...]

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### 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.

**Disposal of packaging:** Disposal of contaminated packaging as unused product unless fully cleaned.

**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:** \* UN1300

### 14.2. UN proper shipping name

**Shipping name:** \* TURPENTINE SUBSTITUTE

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

## 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.

[cont...]



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### Section 16: Other information

#### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H372: Causes damage to organs through prolonged or repeated exposure.

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.