

SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: CARBOSOLV WHITE SPIRIT
- Product Part Number: S001, S002, S003, S004, S005, S006.
- EC Number: 919-446-0

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

- Use of the substance/mixture: General Purpose Thinner / Diluent for most oil based paints, Cleaner and De-Greaser

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Palatine Paints & Chemicals Ltd
- Address of Supplier: 55 Smallbrook Lane,
Leigh, Lancashire.
WN7 5EW
- Telephone: 01942 884122
- Responsible Person: Safety@palatinepaints.co.uk
- Email: Enquires@palatinepaints.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 01942 871210 (not 24 hr)

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Physical hazards: Flam. Liq. 3 - H226
- Health Hazard: STOT SE 3 - H336 STOT RE 1 - H372 Asp. Tox. 1 - H304
- Environmental Hazard Aquatic Chronic 2 - H411
- Classification (67/548/EEC or 1999/45/EC)
- Xn;R65. N;R51/53. R10,R66,R67.
- CLP: Flam. Liq. 3, Acute Tox. 4, Eye Irrit. 2, STOT SE 3

2.2 Label elements



SECTION 2 Hazards identification (....)

- Signal Word: Danger
- Hazard statements
 - Causes damage to organs through prolonged or repeated exposure (H372).
 - Toxic to aquatic life with long lasting effects (H411).
 - May cause drowsiness or dizziness (H336).
 - May be fatal if swallowed and enters airways (H304).
 - Flammable liquid and vapour (H226).
- Precautionary statements
 - Keep out of reach of children (P102).
 - Store locked up (P405).
 - Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
 - Do not get in eyes, on skin, or on clothing (P262).
 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking (P210).
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).
 - Do NOT induce vomiting (P331).
 - IF ON SKIN: Wash with plenty of soap and water (P302+P352).
 - Dispose of contents/container to an authorised waste collection point (P501)

2.3 Other hazards

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
 - CAS Number: 64742-88-7
 - EC Number: 919-446-0
 - Concentration: 60-100%
 - Categories: Flam. Liq. 3 EUH066 Asp. Tox. 1 STOT SE 3 Aquatic Chronic 2
 - Symbols: GHS07,GHS02,GHS09,GHS8,DGR
 - H Statements: H226,H304,H336,H411
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SECTION 4 First aid measures

4.1 Description of first aid measures

- General Information: Move affected person to fresh air at once. Get medical attention if any discomfort continues. Keep away from heat, sparks and open flame.
- Inhalation: Move affected person to fresh air at once. Get medical attention. Keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personell may assist affected person by administering oxygen
- Ingestion Do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

SECTION 4 First aid measures (....)

- Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing. Launder clothing before reuse.
- Eye contact: Promptly rinse eyes with plenty of clean water while lifting the eyelids. Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination. Get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing media Extinguish with water spray, foam, carbon dioxide, dry powder, sand, dolomite or other inert material. Do not use high pressure water jet as this may spread burning material.

5.2 Special hazards arising from the substance or mixture

- Specific Hazards: Decomposition / combustion products include: Carbon monoxide (CO). Carbon dioxide (CO₂). Vapours may cause explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
 - In the event of an adjacent fire, cool containers with water spray
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SECTION 6 Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Avoid discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

- Eliminate all ignition sources if safe to do so (P381).
- Eliminate all sources of ignition. No Smoking, sparks, flames or other sources of ignition near spillage.
Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

SECTION 7 Handling and storage

7.1 Precautions for safe handling

SECTION 7 Handling and storage (....)

- Keep away from heat/sparks/open flames/hot surfaces. – No smoking (P210).
- Avoid spilling
- Avoid contact with skin and eyes
- Provide adequate ventilation.
- Avoid inhalation of vapours.
- Use approved respirator if air contamination is above an acceptable level.

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidisers, heat, flames or ignition sources
- Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.
- Storage Class: Flammable liquid storage.

7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Long-term exposure limit (8-hour TWA): WEL 330 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

DNEL Industry - Inhalation; Long term systemic effects: 330 mg/m³

Industry - Dermal; Long term systemic effects: 44 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 71

Consumer - Dermal; Long term systemic effects: 26 mg/kg/day

Consumer - Oral; Long term systemic effects: 26 mg/kg/day

8.2 Exposure controls

- Contaminated work clothing should not be allowed out of the workplace (P272).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Avoid alcohol consumption while working with the product..
 - When using do not smoke
 - Respiratory protection: If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

SECTION 9 Physical and chemical properties (....)

- Appearance: Clear, Liquid, colourless
- Odour: Hydrocarbon odour
- Boiling Point/Range: Boiling point 150 °C to 200 °C at 760 mm /Hg
- Flashpoint: 40 C CC (Closed cup)
- Upper Explosive Limit: Lower flammable/explosive limit: 0.8
- Vapour Density: >1
- Density: 095 mPas @ 25C

9.2 Other information

- Volatile Organic Compound Content 100%
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SECTION 10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Avoid contact with oxidising substances
- Reaction products may include acidic and toxic gases

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous Decomposition Products

- The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances. Toxic gases or vapours.
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- Inhalation: Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. The product contains organic solvents. Overexposure may depress the central nervous system, causing dizziness and intoxication.
 - The ingestion of significant quantities may cause damage to mucous membranes
 - Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
 - Eye Contact: May Cause severe eye irritation.
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SECTION 12 Ecological information

Ecotoxicity: Toxic to aquatic organisms. May Cause long-term adverse effects in the aquatic environment. This material should not be allowed into drains, sewers or other water courses.

12.1 Toxicity

SECTION 12 Ecological information (....)

- LC50 (fish) 10 mg/l (96 hr)
- LC50 (rainbow trout) 10 mg/l (96 hr)
- EC50 (Daphnia magna) 10 mg/l (48 hr)
- EC50 72 hours 4.1 mg/l, Scenedesmus subspicatus IC50, 72 hours 4.6 - 10 mg/l, Algae

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulation Potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- Mobility: Moderately volatile liquid which may spread given a large surface area of water. The product has limited mobility in soil but will slowly evaporate from the surface.

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

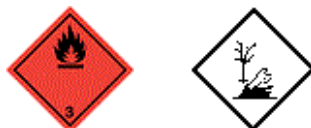
12.6 Other Adverse Effects

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

SECTION 14 Transport information



14.1 UN Number

- UN No.: 1300

14.2 Proper Shipping Name

- Proper Shipping Name: TURPENTINE SUBSTITUTE

14.3 Transport hazard class(es)

- Hazard Class: 3
- ADR Classification Code: F1
- ADR-RID Labels: 3
- ICAO Division: 3
- ADN 3

14.4 Packing group

- Packing Group: III
- ADR Packing Group: III
- IMDG Pack Group.: III
- ICAO Packing Group: III

SECTION 14 Transport information (....)

- ADN Packaging Group III

14.5 Environmental hazards

- Marine pollutant

14.6 Special precautions for user

- Emergency Action Code 3Y
- EMS Number F-E, S-E
- Tunnel Code: (D/E)
- Hazard Identification Number: 30 (ADR/RID)
- ADR Hazard Class: 3

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

SECTION 15 Regulatory information

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

- National Regulations: Retail packs require a child resistant closure to BS EN ISO 28317 & a Tactile Warning Triangle
- EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- Guidance: Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
EUH066: Repeated exposure may cause skin dryness or cracking. H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.