

SAFETY DATA SHEET

Apex

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

1.1. Product identifier

Product name Apex

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

Identified uses Roof Coating - Weather Proof

1.3. Details of the supplier of the safety data sheet

Supplier Aztec Chemicals
Unit 16, University Way
Orion Park
Crewe
Cheshire
CW1 6NG
+ 44 (0) 1270 655500 (T)
+ 44 (0) 1270 655501 (F)
info@aztecchemicals.com

1.4. Emergency telephone number

Emergency telephone +44 (0)7831 300868

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

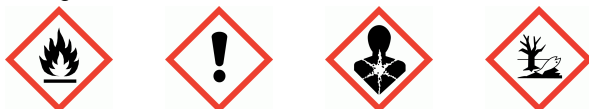
Physical hazards Flam. Liq. 3 - H226
Health hazards STOT SE 3 - H336 Asp. Tox. 1 - H304
Environmental hazards Aquatic Chronic 2 - H411

Classification (67/548/EEC or 1999/45/EC) Xn;R65. N;R51/53. R10,R66.

Environmental The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

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.

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Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P102 Keep out of reach of children.</p> <p>P280 Wear protective gloves, eye and face protection.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/attention.</p> <p>P501 Dispose of contents/container in accordance with local regulations.</p>
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Supplemental label information RCH002b For professional users only.

Contains White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics), Adhesion agent

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics)	30-60%
CAS number: 64742-88-7	EC number: 919-446-0
	REACH registration number: 01-2119458049-33
Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	Xn;R65. N;R51/53. R10,R66,R67.
STOT SE 3 - H336	
STOT RE 1 - H372	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	
Adhesion agent	1-5%
CAS number: —	
Classification	
Flam. Liq. 3 - H226	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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Ingestion	Get medical attention immediately. Do not induce vomiting. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Harmful by inhalation. Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	Harmful if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Spray/mists may cause respiratory tract irritation. Vapour may affect central nervous system. Nausea, vomiting.
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	May cause eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	In case of fire, toxic gases may be formed (CO _x , NO _x).
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5.3. Advice for firefighters

Protective actions during firefighting	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
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6.2. Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Do not discharge into any place where its accumulation could be dangerous. Prevent further leakage or spillage if safe to do so.
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6.3. Methods and material for containment and cleaning up

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Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid contact with skin and eyes. Use explosion-proof electrical, ventilating and lighting equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from light.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics)

Long-term exposure limit (8-hour TWA): WEL 350 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

White Spirit (Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics) (CAS: 64742-88-7)

DNEL	Industry - Inhalation; Short term systemic effects: 570 mg/m ³
	Industry - Dermal; Long term systemic effects: 1056 mg/kg/day
	Industry - Inhalation; Long term systemic effects: 1980 mg/m ³
	Consumer - Inhalation; Short term systemic effects: 570 mg/m ³
	Consumer - Dermal; Long term systemic effects: 26 mg/kg/day
	Consumer - Inhalation; Long term systemic effects: 71 mg/m ³
	Consumer - Oral; Long term systemic effects: 26 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 330 mg/m ³
	Workers - Dermal; Long term systemic effects: 44 mg/kg/day

8.2. Exposure controls

Appropriate engineering controls Provide adequate ventilation.

Personal protection When using do not smoke

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

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Hand protection	Wear protective gloves. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Polyvinyl chloride (PVC).
Other skin and body protection	Wear chemical protective suit.
Hygiene measures	Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Black.
Odour	Characteristic.
Flash point	40°C
Vapour pressure	0.44 kPa @ 20°C
Relative density	1.07 @ °C
Solubility(ies)	Insoluble in water.
Auto-ignition temperature	200°C

9.2. Other information

Other information	Not available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable at normal ambient temperatures and when used as recommended.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Oxidising agents.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Heat, sparks, flames.
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10.5. Incompatible materials

Materials to avoid	Keep away from oxidising materials, heat and flames.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
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SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Toxicological effects	No information available.
Inhalation	May cause respiratory system irritation.
Ingestion	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea. Pneumonia may be the result if vomited material containing solvents reaches the lungs.
Skin contact	Product has a defatting effect on skin. May cause allergic contact eczema.
Eye contact	May cause severe eye irritation.
Acute and chronic health hazards	Irritating to skin. Irritating to eyes. Contents may cause lung damage if swallowed. Aspiration into the lungs may cause chemical pneumonitis.

SECTION 12: Ecological Information

Ecotoxicity	Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.
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12.1. Toxicity

Toxicity	Not available.
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12.2. Persistence and degradability

Persistence and degradability	Not available.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Not available.
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12.4. Mobility in soil

Mobility	Not known.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	Not available.
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12.6. Other adverse effects

Other adverse effects	Not available.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses. External recovery, treatment, recycling and disposal of waste should comply with all applicable local and/or national regulations.
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SECTION 14: Transport information

General	Packs of 5L and under are not regulated under the Limited Quantities Provisions.
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14.1. UN number

UN No. (ADR/RID)	1263
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UN No. (IMDG)	1263
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UN No. (ICAO) 1263

UN No. (ADN) 1263

14.2. UN proper shipping name

Proper shipping name (ADR/RID) PAINT RELATED MATERIAL

Proper shipping name (IMDG) PAINT RELATED MATERIAL

Proper shipping name (ICAO) PAINT RELATED MATERIAL

Proper shipping name (ADN) PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

Transport labels



14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ADN packing group III

ICAO packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-E, S-E

ADR transport category 3

Emergency Action Code •3Y

Hazard Identification Number (ADR/RID) 30

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Commission Regulation (EU) No 453/2010 of 20 May 2010.
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	This is first issue.
Revision date	14/08/2015
Revision	1
SDS number	11042
SDS status	Approved.
Risk phrases in full	R10 Flammable. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
Hazard statements in full	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. 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.

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 himself as to the suitability of such information for his own particular use.