WHITE SPIRIT MSDS
White Spirit

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>White Spirit</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNONYMS, TRADE NAMES</td>
<td>100,</td>
</tr>
<tr>
<td>SUPPLIER</td>
<td>Abbey Chemicals</td>
</tr>
<tr>
<td></td>
<td>27-30 North River Road</td>
</tr>
<tr>
<td></td>
<td>Great Yarmouth</td>
</tr>
<tr>
<td></td>
<td>Norfolk</td>
</tr>
<tr>
<td></td>
<td>NR30 1SH</td>
</tr>
<tr>
<td></td>
<td>Tel: +44 1493 850303</td>
</tr>
<tr>
<td></td>
<td>Fax: +44 1493 330909</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.abbey-chemicals.co.uk">www.abbey-chemicals.co.uk</a></td>
</tr>
<tr>
<td>SDS No.</td>
<td>W003</td>
</tr>
<tr>
<td>Emergency Contact Number (Office Hours)</td>
<td>+441493 850303</td>
</tr>
</tbody>
</table>

2 HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION

CLASSIFICATION Xn;R65. N;R51/53. R10, R66.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZENE</td>
<td>200-753-7</td>
<td>71-43-2</td>
<td>&lt;0.1</td>
<td>F;R11 Carc1;R45 T;R48/23/24/25</td>
</tr>
<tr>
<td>Naphtha(Petroleum) Hydroesulphurised Heavy</td>
<td>265-185-4</td>
<td>64742-82-1</td>
<td>50-100%</td>
<td>Xn;R65. N;R51/53. R10,R66.</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN

Treat according to symptoms:

INHALATION

Move the exposed person to fresh air at once. Get medical attention.

INGESTION

Provide rest, warmth and fresh air. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIFIC HAZARDS

Oxides of: Carbon.
White Spirit

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of spray mist and contact with skin and eyes. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS
Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS
Absorb with inert, damp, non-combustible material, then flush area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Provide good ventilation. Avoid inhalation of vapours and spray mists.

STORAGE PRECAUTIONS
Keep containers tightly closed. Keep in original container. Keep away from heat, sparks and open flame.

STORAGE CLASS
Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>LT - ppm</th>
<th>LT - mg/m³</th>
<th>ST - ppm</th>
<th>ST - mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZENE</td>
<td>ME</td>
<td>1 ppm(Sk)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PROTECTIVE EQUIPMENT

RESPIRATORY EQUIPMENT
If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION
Neoprene gloves are recommended.

EYE PROTECTION
Wear approved safety goggles.

OTHER PROTECTION
Wear rubber apron. Wear rubber footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR</td>
<td>Colourless</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Slightly soluble in water.</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>150 - 200</td>
</tr>
<tr>
<td>RELATIVE DENSITY</td>
<td>0.778 15</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>38</td>
</tr>
<tr>
<td>MELTING POINT (°C)</td>
<td></td>
</tr>
<tr>
<td>VAPOUR PRESSURE</td>
<td></td>
</tr>
<tr>
<td>AUTO IGNITION TEMPERATURE (°C)</td>
<td>0.44 kPa 20</td>
</tr>
<tr>
<td></td>
<td>230</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY
White Spirit

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID
Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS
Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

INHALATION
Irritating to respiratory system.

INGESTION
Irritating. May be absorbed in the body and cause dizziness, nausea and vomiting. Diarrhoea.

SKIN CONTACT
Irritating to skin.

EYE CONTACT
Irritating and may cause redness and pain.

MEDICAL SYMPTOMS
Pulmonary oedema, frothy sputum.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY
The product has poor water-solubility.

DEGRADABILITY
The product is not readily biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. Do not puncture or incinerate even when empty. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UK ROAD CLASS 3
PROPER SHIPPING NAME TURPENTINE SUBSTITUTE
UN NO. ROAD 1300
ADR CLASS NO. 3
ADR PACK GROUP III
UK ROAD PACK GR. III
HAZARD No. (ADR) Class 3: Flammable liquids.

White Spirit

ADR LABEL NO. 3
CEFIC TEC(R) NO. 30GF1-III
RID PACK GROUP III
IMDG CLASS 3
EMS F-E, S-E
MARINE POLLUTANT No.
AIR CLASS 3

HAZCHEM CODE 3Y
RID CLASS NO. 3
UN NO. SEA 1300
IMDG PACK GR. III
MFAG See Guide
UN NO. AIR 1300
AIR PACK GR. III

15 REGULATORY INFORMATION

LABELLING

Harmful
Dangerous for the environment
CONTAINS
Naphtha(Petroleum) Hydroesulphurised Heavy

RISK PHRASES

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.

SAFETY PHRASES

S23 Do not breathe vapour/spray.
S24 Avoid contact with skin.
S43 In case of fire, use alcohol-resistant foam, carbon dioxide or dry powder. Never use water.
S57 Use appropriate containment to avoid environmental contamination.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

STATUTORY INSTRUMENTS
Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. DSEAR

GUIDANCE NOTES
CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

16 OTHER INFORMATION

REVISION DATE 29th January 2008
REV. NO./REPL. SDS GENERATED 09
SDS NO. W003
SAFETY DATA SHEET STATUS Approved.
DATE 29th January 2008
SIGNATURE Thomas Tailford
**White Spirit**

<table>
<thead>
<tr>
<th>R10</th>
<th>Flammable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R11</td>
<td>Highly flammable.</td>
</tr>
<tr>
<td>R45</td>
<td>May cause cancer.</td>
</tr>
<tr>
<td>R48/23/24/25</td>
<td>Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.</td>
</tr>
<tr>
<td>R51/53</td>
<td>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td>R65</td>
<td>Harmful: may cause lung damage if swallowed.</td>
</tr>
<tr>
<td>R66</td>
<td>Repeated exposure may cause skin dryness or cracking.</td>
</tr>
</tbody>
</table>