

Barrettine

SAFETY DATA SHEET

White Spirit

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME White Spirit
 APPLICATION For thinning paint, degreasing, brush maintenance, etc.
 SUPPLIER Barrettine
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 Warmley
 Bristol
 BS30 8TY
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2 HAZARDS IDENTIFICATION

CLASSIFICATION (67/548) Xn;R65. N;R51/53. R10, R66, R67.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards	Flam. Liq. 3 - H226
Human health	EUH066;STOT SE 3 - H336;Asp. Tox. 1 - H304
Environment	Aquatic Chronic 2 - H411

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger
 CONTAINS hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

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.

PRECAUTIONARY STATEMENTS

P210	Keep away from open flames and hot surfaces. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P501	Dispose of contents/container in accordance with local regulations.

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SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Supplemental Label Information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

3 COMPOSITION/INFORMATION ON INGREDIENTS

hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		>98%
CAS-No.: 64742-80-9	EC No.: 919-446-0	Registration Number: 01-2119458049-33-XXXX
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Flam. Liq. 3 - H226	Xn;R65.	
EUH066	N;R51/53.	
STOT SE 3 - H336	R66,R67,R10.	
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Keep away from heat, sparks and open flame.

INHALATION

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately 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.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with water spray, foam, carbon dioxide, dry powder, sand, dolomite or other inert material.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours may form explosive mixture with air at room temperature. Vapours are heavier than air and may spread near ground to sources of ignition.

SPECIFIC HAZARDS

Decomposition / combustion products include: Carbon monoxide (CO). Carbon dioxide (CO2).

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PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing (see Section 8).

ENVIRONMENTAL PRECAUTIONS

Do not allow spilt material to enter drains or water courses. Cover all drains and sewers. Avoid spreading spilled material. Contain spillages with sand, earth or suitable inert absorbent material. Prevent further spillage if safe to do so. In the event of contamination of watercourses or sewers advise the Environment Agency, fire brigade and police.

SPILL CLEAN UP METHODS

Absorb in vermiculite, sand, diatomaceous earth or other inert absorbent material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Use only with adequate ventilation. Do not breathe vapour or mist. Keep away from heat, sparks or flame. Containers and equipment must be bonded to avoid static discharge. Use only electrical equipment suitable for explosive atmospheres.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Store away from oxidising materials, acids and bases or damp conditions.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	WEL		350 mg/m ³			

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient suitable respiratory protection must be provided. Seek advice and recommendations of the manufacturer or supplier of equipment

HAND PROTECTION

Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves the hands should be washed and thoroughly dried and a suitable moisturiser applied.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

White Spirit

APPEARANCE	Liquid
COLOUR	Clear Colourless.
ODOUR	Hydrocarbon.
SOLUBILITY	Immiscible with water
BOILING POINT (°C)	150 - 200 °C at 760 mmHg
RELATIVE DENSITY	0.785 @ 15°C.
VAPOUR PRESSURE	1.9 hPa @ 20°C.
VISCOSITY	0.95 cSt 25°C.
FLASH POINT (°C)	40°C.
AUTO IGNITION	230°C.
TEMPERATURE (°C)	
FLAMMABILITY LIMIT - LOWER(%)	0.7
FLAMMABILITY LIMIT - UPPER(%)	7.0
VOLATILE ORGANIC COMPOUND (VOC)	100 % (EC/1999/13)

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances. Avoid heat, flames and other sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS

Fires or excessive heat may give off toxic fumes and gases. Decomposition products may include carbon monoxide (CO) and carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

TOXIC DOSE 2 - LD 50 >4000 mg/kg (dermal-rabbit)

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

INGESTION

Harmful if swallowed accidentally. Can cause severe irritation of mucous membranes and the respiratory tract. Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Absorption can cause narcosis, intoxication and pulmonary oedema.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

May cause severe irritation to eyes.

HEALTH WARNINGS

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

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.

LC 50, 96 Hrs, FISH mg/l 10

EC 50, 48 Hrs, DAPHNIA, mg/l 10

IC 50, 72 Hrs, ALGAE, mg/l 4.6 - 10

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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.

BIOACCUMULATION

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

DEGRADABILITY

Readily biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Empty containers may contain residual product and flammable vapours. Keep away from sparks, heat and sources of ignition. Labels should not be removed. Product is hazardous waste. Do not allow into drains, sewers or water courses. Disposal must be by means of a licensed waste contractor.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Do NOT Incinerate the container even when empty.

WASTE CLASS

EWC 08 01 21: Waste Paint or Varnish Remover.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	TURPENTINE SUBSTITUTE (White Spirit)
UN NO. ROAD	1300
ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	30
ADR LABEL NO.	3
HAZCHEM CODE	3Y
UN NO. SEA	1300
IMDG CLASS	3
IMDG PACK GR.	III
EMS	F-E, S-E
UN NO. AIR	1300
AIR CLASS	3
AIR PACK GR.	III

15 REGULATORY INFORMATION

UK REGULATORY REFERENCES

Retail packs require a child resistant closure to BS EN ISO 28317 & a Tactile Warning Triangle.

EU DIRECTIVES

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

EC Regulation 1272/2008 (as amended): CLP (Classification, labelling and packaging of substances and mixtures).

ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

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STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH) Refer to Revised guidance 6th Edition 2013 <http://www.hse.gov.uk/pubns/priced/l15.pdf>

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

APPROVED CODE OF PRACTICE

Approved Classification and Labelling guide (Sixth edition). Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP 4). HSE Books, or download at: <http://www.hse.gov.uk/pubns/books/l131.htm>

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance. Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/l15.pdf>

GUIDANCE NOTES

The storage of flammable liquids in containers HSG51 (HSE 1998).

Introduction to Local Exhaust Ventilation HS(G)37.

Workplace Exposure Limits EH40/2007 (as amended).

CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES

Classification & Labelling derived by consideration of available REACH Registration data, CLP Classification Inventory and Supplier's safety data sheet.

REVISION COMMENTS

N.B.: Significant changes are indicated by lines in the left-hand margin. Revised using relevant REACH information. REACH registration number(s) added.

REVISION DATE replaces 05 dated 16-May-2011

REV. NO./REPL. SDS 06

GENERATED

SDS NO. 11088

HAZARD STATEMENTS IN FULL

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.

DISCLAIMER

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.