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Edition: Nov 2018

White Spirit

(TNL 84020-8402025)

1. Identification of the substance/preparation and of the company/undertaking

Product name: White Spirit
Product code: 84020-8402025
Relevant identified uses of the substance or mixture:
Cleaning and maintenance of brushes etc, thinning of oil based paint
Company name: Lawrence Art Supplies
36 Kingsthorpe Road
Hove
BN3 5HR
Tel: 01273 260260
Fax: 01273 260270
Email: artbox@lawrence.co.uk
Emergency Number: Mon - Thurs 9am-5pm, Fri 9am - 4pm (not a poison centre) 01273 260260

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (1999/45) xn;R65. N;R51/53. R10,R66
Classification (EC 1272/2008)
Physical Flam. Liq. 3 - H226
Health EUH066; Asp. Tox. 1 - H304
Environmental Aquatic Chronic 2 - H411

2.2. Label elements:

Label in accordance with (EC) No. 1272/2008



Signal word Danger
Contains White Spirit - Naphtha (petroleum). Hydrodesulfurized Heavy

Hazard Statements
EUH066 Repeated exposure may cause skin dryness or cracking
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways
H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

P102	Keep out of reach of children
P210	Keep away from heat/sparks/open flames/hot surfaces - no smoking
P260e	Do not breath vapours
P262	Do not get in eyes, on skin or on clothing.
P301/P331/P315	If SWALLOWED: Do NOT induce vomiting. Get immediate medical advice/treatment.
P501B	Dispose of contents/container to hazardous waste collection point

3. Composition/information on ingredients

3.1. Substances

White Spirit - Naphtha (petroleum). Hydrodesulfurized Heavy

CAS-NO: 64742-82-1

EC No: 265-185-4

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 UNCONCIOUS 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 content

Remove contaminated clothing, Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing. Launder clothing before re-use.

Eye contact

Check for contact lenses which must be removed from the eye before rinsing

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 assistance.

5. Fire-fighting measures

5.1. Extinguishing media

Extinguish with 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

Products of decomposition/combustion include: Carbon Monoxide (CO) and Carbon Dioxide (CO₂)

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

5.3. Advice for fire-fighters

Avoid breathing fire vapours. Cool containers exposed to flames with water until the fire is out. Wear self contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire 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

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing. Refer to section 8 of SDS

6.2. Environmental precautions:

Do not allow spilled material to enter water sources or sewer. Avoid spreading spilled material. Contain spillages with sand, earth or suitable absorbent material. Prevent further spillage if safe to do so. In case of contamination of water courses or sewers inform the Environment Agency, fire brigade and police.

6.3. Methods and material for containment and cleaning up

Absorb on a suitable substrate (vermiculite, dry 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 must not enter drains, sewers or watercourses.

7. Handling and storage

7.1. Precautions for safe handling: Handling requirements:

Avoid spillages, skin or eye contact. Use in adequately ventilated areas, do not breath in fumes. Keep away from heat, sparks or flames. Containers must be bonded to avoid static discharge.

Use only electrical equipment suitable for explosive atmospheres.

7.2. Conditions for safe storage, including any incompatibilities

Store in original containers in a dry, cool, well ventilated area. Keep away from heat, sparks or flames. Keep away from food and drink. Store away from oxidising materials, acid and bases or damp conditions.

8. Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: 1000mg/m³

8.2 Exposure controls:

Engineering measures:	Provide adequate general and local ventilation.
Respiratory protection:	If ventilation is insufficient suitable respiratory protection must be provided. Seek recommendation and advice from equipment manufacturer or supplier.
Hand protection:	Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves wash hands and dry thoroughly. Use appropriate moisturiser.
Eye protection:	Safety glasses/goggles.
Other protection:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

8.3 Hygiene measures:

DO NOT SMOKE IN WORK AREA! Wash 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 and 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

Physical form	Clear colourless liquid.
Colour	N/a
Solubility	Insoluble in water
Odour	Hydrocarbon
Boiling point (°C)	150-200°C. 760mm Hg
Relative density	0.785 15°C
Vapour pressure	<10 mbar 37.8°C
Viscosity	0.85 cSt 25°C
Flash point	38°C
Autoignition temp	230°C
Flammability lower limit	0.6%
Flammability upper limit	8.0%

10. Stability and reactivity

10.1. Stability

Stable under recommended storage conditions and use (see section 7)

10.2. Possibility of hazardous reactions

Toxic fumes and gases may be produced when heated or in fires which may include Carbon Monoxide (CO) and Carbon Dioxide (CO₂).

10.3. Conditions to avoid

Avoid heat or ignition. Avoid contact with acids and oxidising substances.

10.4. Hazardous decomposition products

Carbon Monoxide (CO) and Carbon Dioxide (CO₂).

11. Toxicological information

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. Can cause severe irritation of mucus membranes and the respiratory tract and may cause abdominal pain. Absorption can cause sleepiness, intoxication and pulmonary oedema.

Skin contact

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

Eye contact

May cause severe irritation.

12. Ecological information

12.1 Toxicity

Toxic to Aquatic life. May cause long term adverse effects in the environment. Product should not enter drains, sewers or water courses.

LC 50, 96Hrs, Fish mg/l 10

12.2. Mobility

Moderate volatile liquid which will spread over a large area on contact with water. Limited mobility in soil, but will slowly evaporate at the surface

12.3. Bioaccumulative potential

Likely to bioaccumulate but with a retention time of about a week.

12.4. degradability

Readily biodegradable

13. Disposal considerations

13.1. General information

Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and ignition sources. 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.

13.2. Disposal methods

Dispose of in accordance with local authority regulations. Do NOT incinerate the container even when empty.

13.3. Waste class

EWC 08 01 21: Waste paint or varnish remover

14. Transport information



UK Road class	3
Proper Shipping name	Turpentine substitute
UN Number. Road	1300
UK Road Pack GR	III
ADR Class number	3
ADR Class	Class 3: Flammable liquids
ADR Pack group	III
Hazard Number (ADR)	30
ADR Label number	3
Hazchem code	3Y
CEFIC TEC® Number	30GF1-III
Marine pollutant	Yes

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

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)

Carriage of dangerous goods and use of transportable pressure equipment regulations 2007. (CDG 2009)

Approved code of practice

Approved classification and labelling guide L131 (Fifth Edition - 2002)

Control of substances hazardous to health - Approved code of practice and guidance L5 (2005) HSE books.

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

CHIP for everyone HSG(108).

16. Other information

Revision comments

GHS information added

Revision date 28-Nov-18

Risk phrases in full

R10	Flammable
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Hazard statements in full

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways.
EUH066	Repeated exposure may cause skin dryness or cracking.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

Any 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 users responsibility to satisfy himself/herself as to the suitability of such information for his own particular use.