



CALDER INDUSTRIAL MATERIALS LTD

SAFETY DATA SHEET FOR

PATINATION OIL

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

1.1 Product identifier

PRODUCT NAME: PATINATION OIL **Reference.** DOCSH002 **Issue Number** 10 **December 2012**

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

Description: Oil

1.3 Details of the supplier of the safety data sheet

SUPPLIER: Calder Industrial Materials Limited
Jupiter Drive
Chester West Employment Park
Chester CH1 4EX
Tel: + 44 (0) 1244 390 093
Fax: + 44 (0) 1244 389 191
www.calderlead.co.uk

1.4 Emergency telephone number + 44 (0) 1244 390 093 8.30am-5.00pm Mon-Fri

2. HAZARDS IDENTIFICATION:

2.1 Classification of the substance or mixture

2.1.1 Classification – Xn; R65 N; R51/53 R10-66-67
1999/45/EC Symbols: Xn: Harmful. N: Dangerous for the environment.

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

2.2 Label elements

The product is classified in accordance with 67/548/EEC.
Symbols Xn: Harmful. N: Dangerous for the environment.



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.
R67 – Vapours may cause drowsiness and dizziness.

Safety phrases S1/2 – Keep locked up and out of the reach of children.
S13 – Keep away from food, drink and animal feedingstuffs.
S29 – Do not empty into drains.
S46 – If swallowed, seek medical advice immediately and show this container or label.
S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

2.3 Other hazards No data is available on this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
White Spirit					80-90%	Xn; R65 N; R51/53 R10-66-67

4. FIRST AID MEASURES:

4.1 Description of first aid measures

Inhalation Move the exposed person to fresh air.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion DO NOT INDUCE VOMITING



CALDER INDUSTRIAL MATERIALS LTD

PATINATION OIL

4. FIRST AID MEASURES continued:

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin. May cause dermatitis.
Ingestion	Harmful if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. Ingestion may cause nausea and vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation	Seek medical attention.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES:

5.1 Extinguishing media

Use as appropriate: Carbon dioxide (CO₂), Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for fire-fighters

Self-contained breathing apparatus. Wear protective clothing.

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3 Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4 Reference to other sections

See section 8. PPE, 13. Disposal considerations for further information.

7. HANDLING AND STORAGE:

7.1 Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

8.2 Exposure controls

8.2.1 *Appropriate engineering controls* Ensure adequate ventilation of the working area.

8.2.2 *Individual protection measures* Wear chemical protective clothing.

Eye/face protection	Approved safety goggles.
Skin protection – Hand protection	Chemical resistant gloves (PVC)

Respiratory protection Self-contained breathing apparatus. Wear protective clothing.



CALDER INDUSTRIAL MATERIALS LTD

PATINATION OIL

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties

State	Liquid
Colour	Amber
Odour	Characteristic
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	152°C
Flash point	38°C
Evaporation rate	No data available
Flammability limits	No data available
Vapour flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive	No data available
Oxidising	No data available
Solubility	Insoluble in water

9.2 Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available

10. STABILITY AND REACTIVITY:

10.1 Reactivity

No data is available on this product.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data is available on this product.

10.4 Conditions to avoid

No data is available on this product.

10.5 Incompatible materials

No data is available on this product.

10.6 Hazardous decomposition products

No data is available on this product

11. TOXICOLOGICAL INFORMATION:

11.1.4 Toxicological information

No data available

12. ECOLOGICAL INFORMATION:

12.1 Toxicity

No data available
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.5 Results of PBT and vPvB assessment

No data is available on this product.



CALDER INDUSTRIAL MATERIALS LTD

PATINATION OIL

12. ECOLOGICAL INFORMATION continued:

12.6 Other adverse effects

No data is available on this product.

13. DISPOSAL CONSIDERATIONS:

Disposal methods

Dispose of in compliance with all local and national regulations.

Disposal of packaging

Do NOT reuse empty containers.

14. TRANSPORT INFORMATION:

Hazard pictograms



14.1 UN number

UN1263

14.2 UN proper shipping name

PAINT

14.3 Transport hazard classes(es)

ADR/RID 3

Subsidiary risk -

IMDG 3

Subsidiary risk -

IATA 3

Subsidiary risk -

14.4 Packing group

Packing group III

14.5 Environmental hazards

Environmental hazards No

Marine pollutant No

14.6 Special precautions for user

No data is available on this product.

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

No data is available on this product.

ADR/RID

Hazard ID 30

Tunnel Category (D/E)

IMDG

EmS Code F-E-S-E

IATA

Packing Instruction (Cargo) 366

Maximum quantity 220L

Packing Instruction 335

(Passenger)

Maximum quantity 60L



CALDER INDUSTRIAL MATERIALS LTD

PATINATION OIL

15. REGULATORY INFORMATION:

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

Regulations 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

16. OTHER INFORMATION:

Other information

Text of risk phrases in Section 3 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.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.