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 - CLP **Reference.** DOCSH002 **Issue Number** 11 **January 2015**

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-Thurs / 8.30am-12.30 Fri

2. HAZARDS IDENTIFICATION:

2.1 Classification of the substance or mixture

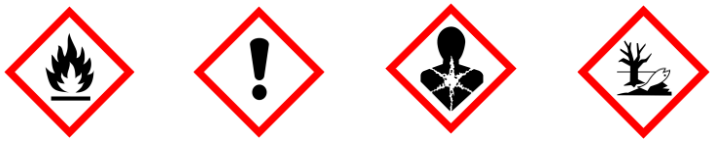
2.1.1 Classification – 67/548/EEC: Xn; R65 N; R51/53 R10-66-67
Symbols: Xn: Harmful. N: Dangerous for the environment.

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.

2.1.1 Classification – EC 1272/2008: EUH066; Flam. Liq.3: H226; Asp. Tox. 1:H304; STOT SE3: H336; Aquatic Chronic 2: H411;

2.2 Label elements

Hazard Pictograms



Signal Word: Danger

Hazard Statement:
EUH066 – Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3: H226 – Flammable liquid and vapour.
Asp. Tox. 1: H304 – May be fatal if swallowed and enters airways.
STOT SE 3: H336 – May cause drowsiness or dizziness.
Aquatic Chronic 2: H411 – Toxic to aquatic life with long lasting effects.

Precautionary Statement Prevention:
P210 – Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 – Keep container tightly closed.
P240 – Ground/bond container and receiving equipment.
P241 – Use explosion-proof electrical/ventilating/lighting/equipment.
P242 – Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
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.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement Response:
P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or a doctor/physician.
P303+P361+P353 – IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
P331 – Do NOT induce vomiting.
P370+P378 – In case of fire: Use method suitable to surroundings for extinction.
P391 – Collect spillage.

CALDER INDUSTRIAL MATERIALS LTD

PATINATION OIL

2. HAZARDS IDENTIFICATION continued:

2.2 Label elements

Precautionary Statement Storage:	P403+P233 – Store in a well-ventilated place. Keep container tightly closed. P403+P235 – Store in a well-ventilated place. Keep cool. P405 – Store locked up.
Precautionary Statement Disposal:	P501 – Dispose of contents/container to local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

67/548/EEC / 1999/45/EC

Chemical Name	*Index No.*	*CAS No.*	*EC No.*	*REACH Registration Number*	*Conc. (%w/w)*	*Classification*
White Spirit			*919-446-0*		80-90%	Xn; R65 N; R51/53 R10-66-67

EC 1272/2008

Chemical Name	*Index No.*	*CAS No.*	*EC No.*	*REACH Registration Number*	*Conc. (%w/w)*	*Classification*
White Spirit			*919-446-0*		80-90%	

4. FIRST AID MEASURES:

4.1 Description of first aid measures

Inhalation	May cause dizziness and headache. 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

4.2 Most important symptoms and effects, both acute and delayed

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

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-continued 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.

CALDER INDUSTRIAL MATERIALS LTD

PATINATION OIL

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.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties

State	Liquid
Colour	Amber
Odour	Characteristic
pH	Not applicable.
Melting point	Not applicable.
Boiling point	158 – 191 ºC
Flash point	38ºC
Evaporation rate	57
Freezing point	No data available
Flammability limits	No data available
Autoignition temperature	>230 ºC
Vapour pressure	190 Pa
Relative density	0.77 – 0.8 (Water = 1 @ 20 ºC)
Partition coefficient	No data available
Vapour density	No data available
Fat solubility	No data available
Vapour flammability	No data available
Explosive	Not considered explosive based on chemical structure and oxygen balance considerations.
Oxidising	This product is not considered oxidising based on chemical structure considerations.
Viscosity	No data available
Solubility	Slightly miscible in water

9.2 Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
VOC (volatile organic compounds)	No data available
Benzene content	No data available
Lead content	No data available

CALDER INDUSTRIAL MATERIALS LTD

PATINATION OIL

10. STABILITY AND REACTIVITY:

10.2 Chemical stability

Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects

No data is available on this product.

12. ECOLOGICAL INFORMATION:

12.1 Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS:

General information

Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION:

Hazard pictograms

14.1 UN number

UN1263

14.2 UN proper shipping name

PAINT RELATED MATERIAL

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	lll

14.5 Environmental hazards

Environmental hazards	No
Marine pollutant	No

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 (Passenger)	335
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	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, 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/EEC and 2000/21/EC. 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

Revision	This document differs from the previous version in the following areas: 14 – ADR/RID. 14 – IMDG. 14 – IATA.
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.