



MATERIAL SAFETY DATA SHEET

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: SAFESTEP LIQUID

Uses: Liquid wax floor polish for wooden floors.

Supplier Details: ED Oates Pty Ltd Trading As: RESEARCH PRODUCTS

Address: 13-21 Maygar Boulevard, Broadmeadows, Victoria, 3047

ABN: 61 004 329 462 **ACN:** 004 329 462

Telephone: (03) 9355 6994 8am to 5pm Monday to Friday

Fax Number: (03) 9359 9509

Poisons Information Centre Telephone: 13 1126

2. HAZARDS IDENTIFICATION

Hazardous according to criteria of NOHSC/ASCC

Risk Classification: Xn; Harmful .

Risk Phrases

R65 May cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness and cracking.

Safety Phrases

S23 Do not breathe vapour.

S24 Avoid contact with skin.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Wax Blend	< 20	Non Hazardous
Naphtha (Petroleum), Hydrotreated Heavy	> 80	64742-48-9

4. FIRST AID MEASURES

Swallowed: Give 1 or 2 glasses of water to drink. Do Not induce vomiting. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

Eye Exposure: Immediately flush eyes with plenty of water holding eyelids open. Seek medical attention.

Skin Exposure: Remove all contaminated clothing. Wash affected area with plenty of soap and water. If skin irritation persists seek medical advice.

Inhalation: Remove victim from exposure to fresh air – avoid becoming a casualty. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

Advice to Doctor

Treat symptomatically based on individual reactions of patient and judgement of doctor.

5. FIRE FIGHTING MEASURES

Hazchem Code: None allocated

Special protective precautions and equipment for fire fighters

Fire fighters should wear full protective equipment including self-contained breathing apparatus. Use water spray to cool fire exposed surface and to protect personnel. If leak or spill has not ignited, use water spray to disperse the vapours and protect men attempting to stop leak. Use foam or dry chemical to extinguish fire. Avoid spraying water directly into storage containers due to the dangers of boilover.

Hazards from Combustion Products

No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

Environmental precautions:

CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

Methods & Materials for Containment & Clean Up:

Contain spills immediately with inert absorbent materials (e.g. sand, earth).

Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

7. HANDLING & STORAGE

Handling:

Ensure that eye bath is available and ready for use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapours, mist or fumes.

Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container locked up and tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s): There is no exposure data for this product. The Exposure Standards for Naphtha (petroleum), hydrotreated heavy: Cas 64742-48-9:

TWA ppm	mg/m ³
171	1200

Exposure controls:

Eye protection: Wear safety glasses.

Hand protection: Wear impervious gloves.

Respiratory protection: If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used for protection against airborne contamination. Reference should be made to Australian Standards AS/NZ 1715, Selection

Engineering measures: Use only in a well ventilated area. If handling large amounts a system of local and/or general exhaust is recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Thixotropic Liquid
Colour:	White
Odour:	Kerosene
pH:	Not Applicable
Boiling point/range:	Not established
Melting point/range:	Not applicable
Flash point:	>63°C
Lower explosion limit: (as % volume in air)	0.7
Upper explosion limit:	5.3
Vapour pressure:	Not established
Relative vapour density:	Not established
Water solubility:	Negligible
Relative density:	0.895
Viscosity, dynamic:	Not established
Evaporation rate:	Not established
Percent volatility:	Not determined

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY & REACTIVITY

Hazardous Reactions:	Product is stable under normal conditions of use, storage and temperature.
Materials to avoid:	Strong oxidizing agents.
Conditions to avoid:	Avoid excessive heat, direct sources of ignition, direct sunlight, static discharge and high temperature.
Hazardous decomposition products:	No data.
Polymerization:	Product will not undergo polymerization.

11. TOXICOLOGICAL INFORMATION

No data is available for this product. The information shown is for Naphtha (petroleum), hydrotreated heavy.

Health Effects – Acute

Xn; Harmful

Swallowed

Harmful if swallowed. Ingestion may cause lung damage if swallowed. Ingestion of this product will irritate gastric tracts causing nausea and vomiting. Aspiration into lungs may result in pneumonitis or pulmonary oedema.

Eye

Will causes eye discomfort, but will not injure eye tissue.

Skin

Prolonged and repeated skin contact may cause skin cracking and/or dermatitis due to de-fatting effect.

Inhaled

Inhalation may causes irritation to the mucus membranes and the upper airways, especially where vapours or mist is generated. Could have anaesthetic or other central nervous system effects. Symptoms include coughing, wheezing, shortness of breath, headache, dizziness, nausea and vomiting.

12. ECOLOGICAL INFORMATION

Persistence and degradability: No acute toxicity to aquatic organisms is expected at the maximum water solubility of this material.

Long term adverse effects on the environment is not expected.

Mobility: The Naphtha solvent is highly volatile and will rapidly evaporate into the air.

Additional information

Environmental fate (exposure): Avoid contaminating waterways, drains and sewers.

Bioaccumulative potential: Does not bioaccumulate significantly.

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

13. DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Land: Not regulated for road/rail transport.

Sea: Not regulated for sea transport.

Air: Not regulated for air transport.

15. REGULATORY INFORMATION

Label

Classification and labelling have been performed according to regulations.

Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR). All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

Label

Classification and labelling have been performed according to regulations.

16. OTHER INFORMATION

Date of Preparation: 24.03.2008

Key to Abbreviations & Acronyms Used in MSDS:

< Less Than

> Greater Than

AICS Australian Inventory of Chemical Substances

CAS Chemical Abstracts Service (Registry Number)

LC50 LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.

LD50 LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.

NOHSC National Occupational Health and Safety Commission.

PEL Permissible Exposure Limit.

STEL Short Term Exposure Limit

TLV Threshold Limit Value

TWA	Time Weighted Average
UN	United Nations (Number)
deg C (°C)	Degrees Celsius
g	Gram
g/cm ³	Grams per cubic centimetre
g/l	Grams per litre
Immiscible	Liquids are insoluble in each other
kg	Kilogram
kg/m ³	Kilograms per cubic metre
ltr	Litre
m ³	Cubic metre
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m ³	Milligrams per cubic metre
miscible	Liquids form one homogeneous liquid
ppm	Parts per million
wt	weight

Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Uncontrolled document. Please ensure you have the current copy.

Reasons for update of MSDS

Product is no longer flammable and of lower health risk resulting from the replacement of the wax carrier solvent from White Spirits to an Odourless Mineral Spirits.

Version	8.0
Revision date:	24.03.2009
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