



## SHOE CARE PRODUCTS

# Material Safety Data Sheet

## Hazardous Substance, Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Joseph Lyddy Stockholm Tar**

Recommended use: Flotation agent.

Supplier: Waproo Pty Ltd  
ABN: 80 004 520 254  
Street Address: 315 Canterbury Road  
Canterbury VIC 3126  
Australia  
Telephone: + 613 9836-0277  
Facsimile: + 613 9830-1432

Emergency telephone number: **+613 9836 0277 (8am – 5pm, Monday to Friday)**  
**0417-051-323 (24 hours)**

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia.

**Hazard Category:**

T Toxic  
C Corrosive

**Risk Phrase(s):**

R24/25: Toxic in contact with skin and if swallowed.  
R34: Causes burns.  
R41: Risk of serious damage to eyes.

**Safety Phrase(s)**

S2: Keep out of the reach of children.  
S28: After contact with skin, wash immediately with plenty of water.  
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

**Class:** 6.1 Toxic

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

**Poisons Schedule (Aust):** S6

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This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

## 3. COMPOSITION INFORMATION

| CHEMICAL                  | ENTITY CAS NO. | PROPORTION |
|---------------------------|----------------|------------|
| Phenolic compounds        | -              | >60%       |
| Non hazardous ingredients | -              | 10-30%     |
| Rosin Oil                 | 8002-16-2      | N Av       |
|                           |                | <hr/> 100% |

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 03 474 7000). Get to a doctor or hospital quickly.

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

**Skin contact:** For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water. For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

**Eye contact:** Immediately irrigate with copious quantities of water for 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

**Ingestion:** Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Get to a doctor or hospital quickly.

**Notes to physician:** Treat symptomatically. Can cause corneal burns.

## 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Combustible liquid. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

**Fire fighting further advice:** If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes, including those of phenols, hydrocarbons and carbon oxides. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Hazchem Code:** 2X

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**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labeled containers or drums for disposal.

### LARGE SPILLS

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal.

**Dangerous Goods – Initial Emergency Response Guide No:** 36

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact and inhalation of vapour.

**Storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

This material is classified as a Dangerous Good Class 6.1 Toxic Substance as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National occupational exposure limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

However for:

|        | TWA |       | STEL |       | CARCINOGEN<br>CATEGORY | NOTICES |
|--------|-----|-------|------|-------|------------------------|---------|
|        | ppm | mg/m3 | ppm  | mg/m3 |                        |         |
| Phenol | 1   | 4     | -    | -     | -                      | Sk      |

As published by the National Occupational Health & Safety Commission (NOHSC Australia).

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TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

`Sk' Notice - absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local exhaust ventilation or while wearing appropriate respirator. Keep containers closed when not in use.

**Personal protection equipment:** OVERALLS, RUBBER BOOTS, FACE SHIELD OR AIR MASK, GLOVES AND APRON.

Wear overalls, full-face shield, elbow-length impervious gloves, splash apron and rubber boots. Use with adequate ventilation. If inhalation risk exists, wear air-supplied mask meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from neoprene should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Black viscous liquid with a phenolic odour.

|   |                     |
|---|---------------------|
| <b>Solubility:</b>                      | Insoluble in water. |
| <b>Specific Gravity (20 °C):</b>        | 1.25                |
| <b>Relative Vapour Density (air=1):</b> | N Av                |
| <b>Vapour Pressure (20 °C):</b>         | N Av                |
| <b>Flash Point (°C):</b>                | >61                 |
| <b>Flammability Limits (%):</b>         | N Av                |
| <b>Autoignition Temperature (°C):</b>   | N Av                |
| <b>Melting Point/Range (°C):</b>        | N App               |
| <b>Boiling Range (°C):</b>              | 170 - 315           |
| <b>PH (2% soln.):</b>                   | 3.3                 |

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** No information available.

**Conditions to avoid:** When hot, may attack aluminium, magnesium, lead and zinc.

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**Incompatible Materials:** Incompatible with oxidising agents (eg: hypochlorites, peroxides) and acids (eg: nitric acid). May attack some forms of rubber and plastic coatings.

**Hazardous decomposition products:** No information available.

**Hazardous reactions:** No information available.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Material is irritant to mucous membranes and respiratory tract. Exposure may result in breathing difficulty, burning sensation of the respiratory tract, lung damage, headache, dizziness, wheezing, muscle aches, dark urine, loss of appetite and pulmonary oedema.

**Skin contact:** Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns. The component, Phenol can be absorbed through the skin with resultant toxic effects.

**Eye contact:** A severe eye irritant. Corrosive to eyes: contact can cause corneal burns. Contamination of eyes can result in permanent injury.

**Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, chemical burns to the gastrointestinal tract, paleness, cold sweats, circulatory collapse and death.

**Long Term Effects:** No information available for product.

### Acute toxicity / Chronic toxicity

No LD50 data available for the product.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

### Ecotoxicity:

96hr LC50 (bluegill sunfish): 13 ppm

### Persistence and degradability:

The product is readily biodegradable.

Half-life in soil: < 5 days

## 13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority. Empty containers must be decontaminated and destroyed.

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## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

**UN No:** 2821  
**Dangerous Goods Class:** 6.1  
**Packing Group:** II  
**Hazchem Code:** 2X  
**Emergency Response Guide No:** 36

**Proper Shipping Name:** PHENOL SOLUTION

**Segregation Dangerous Goods:** Not to be loaded with explosives (Class 1), nitromethane, food and food packaging in any quantity, however exemptions may apply. Also note that fire risk substances including dangerous goods of Class 6 or Class 9 which are fire risk substances are incompatible with dangerous goods of Class 1, Class 5.1 and Class 5.2.

### MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**UN No:** 2821  
**Dangerous Goods Class:** 6.1  
**Packing Group:** II

**Proper Shipping Name:** PHENOL SOLUTION

### AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**UN No:** 2821  
**Dangerous Goods Class:** 6.1  
**Packing Group:** II

**Proper Shipping Name:** PHENOL SOLUTION

## 15. REGULATORY INFORMATION

**Poisons Schedule (Aust):** S6

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

### Literary reference

This Material Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd on behalf of its client.

For further information about this product;

Contact: Les Foeldes (Technical Manager)  
Telephone: +613 9836-0277

Reason(s) For Issue: Change to Physical and Chemical Properties.

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Waproo Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.