

Safety Data Sheet

Revision Date: Tuesday, 17 October 2017

Lustre Shine

Classification of Product:

Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

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

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

- a. Product name: Lustre Shine
 - b. Other means of identification:
 - c. Recommended use of the chemical
Floor polish
 - d. Manufacturer details:
Dalcon Hygiene
36 Victoria St Smithfield
NSW 2164
Australia
PH: (02) 9604 1155
FAX: (02) 9604 9055
Email: admin@dalconhygiene.com.au
 - e. Poisons information centre: 13 11 26 (Australia)
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2. HAZARD(S) IDENTIFICATION

- a. Classification of the hazardous chemical:
Classified as **HAZARDOUS** according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

Aspiration Hazard – Category 1

Flammable Liquids - Category 3

Acute Hazard to the Aquatic Environment – Category 2

Long-term Hazard to the Aquatic Environment – Category 3

b. Signal word: **DANGER**

c. Pictogram(s):



d. **Hazard statement(s):**

H226 Highly flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H401 Toxic to aquatic life

H412 Harmful to aquatic life with long lasting effects

e. **Precautionary Statement(s):**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

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/ventilation/lighting equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P273 Avoid release into the environment

P280 Wear protective gloves/eye protection/face protection

Response:

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor

P303 + P361 + P353 IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower

P331 Do NOT induce vomiting

P370 + P378 In case of fire: Use carbon dioxide, dry chemical, alcohol resistant foam/water spray/fog for extinction

Storage:

P403+235: Store in a well-ventilated place. Keep cool.

P405 Store locked up

Disposal:

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Poisons (SUSMP): 5

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS number	Proportion	Hazard Codes
Wax Blend	-	<10%	-
Low Aromatic White Spirits	64742-82-1	>60%	H226, H304, H401. H412
Non-hazardous components	-	<10%	-

4. FIRST-AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor

Inhalation:

Avoid inhaling vapours/fumes. If feeling unwell, move to fresh air. If rapid recovery does not occur, seek medical advice. Remove contaminated clothing.

Skin Contact:

Remove contaminated clothing and wash skin. Use copious amounts of soap and water to fully remove product from skin. If irritation occurs, seek medical attention.

Eye Contact:

Immediately flush the eyes with running water for at least 15 minutes, holding the eyelids open. Remove clothing if contaminated and wash skin. If irritation occurs seek medical attention.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a plenty of water and seek medical attention immediately.

Poisons (SUSMP): 5

5. FIRE-FIGHTING MEASURES

Product is a flammable liquid.

Flash point: 41-42°C

Lower Explosion limit 0.7%

Upper explosion limit 6.5%

Hazchem code 3Y

a. **Suitable extinguishing equipment:**

Alcohol stable foam, water spray or fog. Dry chemical powder, carbon dioxide for small fires only. Do not use water in a jet.

b. **Specific hazards arising from the chemical**

Carbon monoxide and/or carbon dioxide may be evolved. Will float and can be ignited on surface water. Vapour is heavier than air and can spread along the ground, distant ignition is possible.

c. **Special protective equipment and precautions for fire fighters:**

Wear full protective clothing and self-contained breathing apparatus. If safe to do so, remove containers from fire area. Do not allow fire fighting water to reach waterways, drains or sewers, store fire fighting water for treatment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition. Do no smoke near spill.

Slippery when spilt, avoid accidents and clean up immediately.

Clear the area of personnel.

Stop leak if safe to do so.

Take precautionary measures against static discharge.

Ensure electrical continuity by bonding and earthing all equipment.

Avoid breathing in the fumes. Wear protective eye goggles and gloves.

Vapour may form explosive mixtures with air.

Attempt to disperse vapour

Environmental precautions:

Keep away from drains and surface and ground water.

Methods and materials for containment and cleaning up:

Containment: store in a bunded area

Clean up procedures: Increase ventilation in spill area. Wear protective eye goggles, gloves and a face mask. Clean up using absorbent material or by using non-sparking tools and transfer to a labelled container for disposal as outlined in section 13.

Allow residues to evaporate or soak up with absorbent material. Spill area will be slippery until completely dry.

7. HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

a. **Precautions for safe handling**

Highly flammable product. Avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded

Avoid eye contact and breathing in vapour, mists and aerosols. Use in a well-ventilated area.

Keep away from sources of ignition and excessive heat.

Avoid generated static discharge when using this product.

Keep out of reach of children.

Avoid eating, drinking or, smoking when using this chemical.

Remove contaminated clothing and protective equipment after using product and before entering eating areas.

b. Conditions for safe storage, including incompatibilities.

Store in cool place and out of direct sunlight.

Keep away from sources of ignition.

Store in a bunded area.

Store in a well-ventilated area.

Store away from foodstuffs.

Store away from incompatible materials described in Section 10.

Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

a. Control Parameters:

No exposure standard has been established for this product.

b. Engineering controls:

Ensure adequate ventilation to maintain air concentrations below recommended exposure standards. An exhaust system is recommended to keep exposure as low as possible.

Keep containers closed when not in use

c. Individual Protection measures:

When handling this chemical, individuals should wear safety goggles, plastic overalls, nitrile rubber gloves, safety footwear and a respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

a. Physical state: Liquid

b. Colour: Yellow

c. Odour: Alcohol

d. pH: No Data Available

e. Solidifying point: <20°C

f. Initial boiling point and boiling range: 155-210°C

g. Flash point: 41-42°C

h. Auto Ignition Temp: 245°C

i. Vapour pressure: 370 Pa @ 20°C

j. Relative density: No Data available

k. Solubility: insoluble in water, aromatic miscible

l. Evaporation Rate: 0.16

- m. Saturated vapour concentration: 21g/m³
- n. VOC volume: 85%
- o. Electrical conductivity: Typical 1 pS/m at 20 °C / 68 °F (ASTM D-4308)

10. STABILITY AND REACTIVITY

- a. General: Sensitive to static discharge. Can ignite due to static electricity.
- b. Chemical stability: Stable under normal conditions of use, storage and temperature
- c. Possibility of Hazardous reactions: Stable under normal conditions of use.
- d. Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources
- e. Incompatible materials: Strong oxidising agents, sources of ignition
- f. Hazardous decomposition products: Burning can produce carbon dioxide or carbon monoxide.

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:

No data for this product, however for the constituent White Spirit:

Low toxicity: LD50 >5000 mg/kg/Rat

Acute Dermal Toxicity: Low toxicity: No deaths at highest tested dose.

Acute Inhalation Toxicity: Low toxicity: LC50 greater than near-saturated vapour concentration, 4 hours, Rat

Reproductive and Developmental Toxicity: Not expected to impair fertility. Not a developmental toxicant.

Specific target organ toxicity single exposure: May cause drowsiness or dizziness.

Specific target organ toxicity repeated exposure: Kidney: caused kidney effects in male rats which are not considered relevant to humans

Central nervous system: Repeated exposure affects the nervous system.

Carcinogenicity: Not expected to be carcinogenic. Tumours produced in animals are not considered relevant to humans. Not expected to impair fertility. Not a developmental toxicant.

Ingestion:

Swallowing can result in nausea, vomiting, diarrhoea, and gastrointestinal irritation. May cause lung damage if aspiration into the lungs occurs when swallowed or vomited, may cause chemical pneumonitis and be fatal.

Skin irritation:

May cause skin sensitisation in sensitive individuals. Repeated or prolonged skin contact may lead to allergic contact dermatitis or defatting dermatitis.

Serious eye damage/irritation:

Eye contact may cause eye damage or irritation.

Respiratory or skin sensation:

Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Inhalation of vapours or mists may irritate the respiratory system.

12. ECOLOGICAL INFORMATION

- a. Ecotoxicity: Avoid contaminating waterways
- b. Persistence and degradability: Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air
- c. Bio-accumulative potential: Has the potential to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of containers in accordance with local/regional/national/international regulations. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

Do not allow waste to enter waterways.

14. TRANSPORT INFORMATION

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

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

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

UN number: 1300

Proper shipping name: TURPENTINE SUBSTITUTE

Australian Dangerous Goods class: 3 Flammable Liquids

EPG 14 Liquids – Highly Flammable

Australian Dangerous Goods packing group: III

Hazchem code: 3Y

15. REGULATORY INFORMATION

This Material is **HAZARDOUS** according to Safe Work Australia; Hazardous Substance

Classification:

Aspiration Hazard – Category 1

Flammable Liquids - Category 3

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Hazard statement(s):

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Poisons (SUSMP): 5

16. OTHER RELEVANT INFORMATION

This Safety Data Sheet (SDS) has been prepared by Dalcon Hygiene

Reason(s) for Issue:

- Alignment to GHS requirements

This SDS summarises to the best of our knowledge at the date of issue, the chemical health and safety hazards of the material and provides general guidelines on how to safely handle the material. Dalcon Hygiene cannot anticipate or control the conditions under which the product may be used, stored and transported, therefore, each user must, prior to usage, assess and control the possible risks.

If clarification or further information is required, the user should contact Dalcon Hygiene at the contact details in section 1d.

By using this product, the user agrees that they have read and understood this SDS, and, knowing the risks associated with the product, wish to use the product.