



Section 1: Identification of the Material and Supplier

Product Name: Country Eucalyptus laundry powder

Other Names: Mixture of alkaline salts and surfactants.

Proper shipping name (ADG Code): None assigned.

Recommended use: As a laundry powder.
Use as directed on the product label.

Supplier: DASCO Pty. Ltd.,
ABN: 14 004 581 113
24 - 26 Helen Street, HEIDELBERG HEIGHTS VIC 3081
Tel: (03) 9459 7004 (business hours)
Fax: (03) 9459 9200

Emergency Phone Numbers:
Transport/Fire Emergency: 000 (Emergency services)
Medical Emergency: 131126 (Poisons Information Centre)

Section 2: Hazards Identification

Classified as hazardous according to criteria of Worksafe Australia.

Non-dangerous goods.

Risk Phrases: R: 36/38 Irritating to skin and eyes.

Safety Phrases: S: 2 Keep out of the reach of children.
S: 22 Do not breathe dust.
S: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S: 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Section 3: Composition/Information on Ingredients

Ingredients:

Sodium carbonate anhydrous	[497-19-8]	> 60 %
Sodium metasilicate pentahydrate	[10213-79-3]	< 10 %
Surfactant		< 10 %
Other ingredients deemed not to be hazardous		to 100 %

Section 4: First Aid Measures

For advice, contact a Poisons Information Centre (Phone 131 126) or a doctor.

- Swallowed: If swallowed, do NOT induce vomiting.
- Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
- Eyes: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Center or a doctor, or for at least 15 minutes.
- Inhaled: Remove from exposure, rest and keep warm. Seek medical advice.

First Aid facilities:

Recommended: Eye wash. Hand wash basin.

Advice to Doctor:

Product is a mixture containing a very high proportion of alkaline salts and a low proportion of a surfactant. Irritating to skin and eyes. Contact Poisons Information Centre.

Aggravated medical conditions:

Pre-existing skin disorders may be aggravated by contact with this product.

Section 5: Fire Fighting Measures

- HAZCHEM Code: None assigned.
- Evacuate: No.
- Extinguishant: Water.
- Risk of violent reaction or explosion: No.
- Products of combustion: Oxides of carbon, oxides of sulphur, oxides of phosphorus.
- Protective Equipment: Breathing apparatus and protective gloves for fire only.

Section 6: Accidental Release Measures

Emergency Procedures:

Contain.

For large spills:

Contain spillage using sand or earth. Transfer both liquids and solids to suitable container. Treat residues as for small spillages.

For small spills:

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise mix with inert absorbent, transfer to suitable container and arrange removal by disposals company.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes.
Do not breathe dusts.
Keep away from acidic materials.

Conditions for safe storage:

Store in a cool, dry, well ventilated place, out of reach of children. Store in original container. Keep container tightly closed and out of direct sunlight. Keep away from acids. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.

Incompatibles:

Acids, oxidising agents.

Section 8: Exposure Controls/Personal Protection

National Exposure Standards:

ES-TWA: None assigned.

ES-STEL: None assigned.

ES-PEAK: None assigned.

Notations: None.

Biological Limit Values: No data found.

Engineering Controls:

Ensure adequate ventilation (same as outdoors) when using.
If handling industrial quantities, or if vapour/aerosol risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible.

Personal Protective Equipment:

Avoid contact with skin and eyes. Avoid breathing dust or aerosols. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

Normal Use:

Eye/face protection
Gloves, rubber or plastic.

Industrial Quantities:

Face shield or safety glasses
Gloves, rubber or plastic
Plastic apron, sleeves and boots
Impervious overalls.

Section 9: Physical and Chemical Properties

Appearance: Blue, granular powder.
Odour: Smell of eucalyptus.
pH: About 11.5 Very alkaline.
Vapour Pressure: No data.
Vapour Density: No data.
Boiling Point: No data.
Melting Point: No data.
Volatiles: About 0.5 %
Volatile Organic Compounds (VOC): About 0.5 %
Evaporation Rate: No data.
Solubilities: Soluble in water.
Specific Gravity/Density: > 1 g/cm³
Flash Point: None.
Flammable Limits: None.
Dust Explosion: Will not happen.
Auto-ignition Temperature: No data.

Other Information:

Alkaline mixture. Will react vigorously with acids, generating carbon dioxide, a simple asphyxiant. May react with strong oxidising agents. Slightly hygroscopic - may absorb moisture from the air. Slippery when spilled, especially when wet.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Incompatible materials.

Incompatible Materials: Acids, oxidising agents.

Hazardous Decomposition Products: Oxides of sulphur, oxides of phosphorus.

Hazardous Reactions: May react vigorously with acids, generating carbon dioxide.

Section 11: Toxicological Information

Health Effects:

No data available for the mixture. Information presented relates to individual ingredients.

Acute:	Swallowed:	Alkaline mixture. May be corrosive to the mouth, throat and stomach. Likely to cause gastric upset with discomfort or abdominal pain, nausea, vomiting and diarrhoea. Large doses may cause purging, dehydration, electrolyte disturbances and a lowering of blood pressure. May be an aspiration risk.
	Skin:	Irritating to skin. May cause redness and pain, possible blisters. Will have a degreasing effect on the skin which may lead to further irritation.
	Eyes:	Irritating to eyes. Both dust and strong solutions may cause redness, irritation and pain. Possible risk of blurred vision and tissue damage. May cause conjunctival oedema (swelling of the tissues) and corneal damage.
	Inhaled:	Inhaled dusts may cause irritation to the respiratory tract. Symptoms may include coughing, wheezing, difficulty breathing, a burning pain in the nose and throat, and pulmonary oedema (fluid build-up in the lung tissues). Onset of symptoms may be delayed.
Chronic:		Repeated skin contact may cause irritation or burns, and may lead to sensitisation in some individuals. Chronic inhalation over-exposure to sodium carbonate anhydrous may lead to nose bleeds, nasal congestion, erosion of the teeth, perforation of the nasal septum, chest pain and bronchitis.
LD50:	Sodium carbonate anhydrous	4,090 mg/kg oral, rat. 6,600 mg/kg oral, mouse.
	Other ingredient #1	5,989 mg/kg oral, mouse.
	Sodium metasilicate	1,153 mg/kg oral, rat. 770 mg/kg oral, mouse.

Section 12: Ecological Information

Ecotoxicity:	May be harmful to aquatic organisms.
Persistence and degradability:	The surfactant used in this product is considered to be readily biodegradable.
Mobility:	Readily transported by water.
Environmental Fate:	No data.
Bioaccumulative potential:	No data.
Other adverse environmental effects:	Contains a low proportion of phosphate. May contribute to the development of algal blooms in the aquatic environment. Contains a low proportion of surfactant. Local concentrations may be harmful to aquatic organisms, including fish.

Section 13: Disposal Considerations

The generator of any wastes from this product is responsible for its proper classification, transport and disposal.

Consult appropriate local and State regulations.

Disposal methods and containers:

Avoid disposal to drains, natural waters or the environment.

Special precautions for landfill or incineration:

Not suitable for incineration.

May not be suitable for some landfill sites.

Section 14: Transport Information

UN Number:	None assigned.
UN Proper shipping name:	None assigned.
Class and subsidiary risk:	None assigned.
Packaging group:	None assigned.
Special precautions for user:	Contain spillages.
HAZCHEM Code:	None assigned.
Material for export:	Not regulated.

