

# Safety Data Sheet



## Hazardous Substance, Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Polystrippa**

**Synonyms:**

Polystrippa, 250mL  
Polystrippa, 500mL  
Polystrippa, 1L  
Polystrippa, 2L  
Polystrippa, 4L

**Product Code**

9310168506919  
9310168507015  
9310168507114  
9310168008758  
9310168507213

**Bar Code**

9310168506919  
9310168507015  
9310168507114  
9310168008758  
9310168507213

**Recommended use:** Heavy bodied paint stripper for all surfaces.

**Supplier:** DuluxGroup (Australia) Pty Ltd  
**ABN:** 67 000 049 427  
**Street Address:** 1956 Dandenong Road  
Clayton VIC 3168  
Australia  
**Telephone:** 1300 555 205

**Emergency telephone number:** Australia – 1800 033 111      New Zealand – 0800 734 607

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia.



**Signal Word**

Warning

**Hazard Classification**

Skin Corrosion/Irritation – Category 2  
Serious Eye Damage/Irritation – Category 2A  
Carcinogenicity – Category 2  
Specific Target Organ Toxicity (Single Exposure) – Category 3  
Specific Target Organ Toxicity (Repeated Exposure) – Category 2

**Hazard Statement(s)**

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness  
H351 Suspected of causing cancer  
H373 May cause damage to organs through prolonged or repeated exposure

**Prevention Precautionary Statement(s)**

P102 Keep out of reach of children  
P103 Read label before use  
P201 Obtain special instructions before use

**Product name:** Polystrippa

**SDS No:** SELGHSEN000261

**Issued:** 12 February 2016

**Version:** 8.1

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P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from all sources of ignition - No smoking
P261	Avoid breathing fume, gas, mist, vapours or spray
P264	Wash hands, face and all exposed skin thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective clothing, gloves, eye/face protection and suitable respirator as required

## Response Precautionary Statement(s)

P101	If medical advice is needed, have product container or label at hand
P302+352	IF ON SKIN: Wash with soap and water
P362	Take off contaminated clothing and wash before reuse
P332+313	If skin irritation occurs: Get medical advice/attention
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312	Call a POISON CENTRE or doctor/physician if you feel unwell
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337+313	If eye irritation persists get medical advice/attention

## Storage Precautionary Statement(s)

P405	Store locked up
P403+233	Store in a well ventilated place. Keep container tightly closed

## Disposal Precautionary Statement(s)

P501	Dispose of contents/container in accordance with local, regional, national and international regulations
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**Poisons Schedule (Aust): S5**

## DANGEROUS GOODS CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

**Class:** 6.1 Toxic

## 3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Dichloromethane	75-09-2	> 60%
Ethanol	64-17-5	10 - 30%
Benzenesulfonic acid, C10-C16-alkyl derivatives	68584-22-5	1 - 10%
Ammonia, aqueous solution	1336-21-6	1 - 10%
Ingredients determined to be non-hazardous	-	Balance
		100%

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## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**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:** If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital. A component of this material can be absorbed through the skin. Seek medical advice.

**Eye contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

**PPE for First Aiders:** Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber 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.

**Notes to physician:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Hazchem Code:** 2Z

**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).

**Specific hazards:** Non-combustible material.

**Fire fighting further advice:** Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Heating can cause expansion or decomposition leading to violent rupture of containers. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

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## LARGE SPILLS

Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. 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 labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

**Dangerous Goods – Initial Emergency Response Guide No: 37**

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. 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.

This material is classified as a Dangerous Good 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 S5 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**National occupational exposure limits:** No value assigned for this specific material by Safe Work Australia or Department of Labour New Zealand.

However for:

	TWA		STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m3	ppm	mg/m3		
Dichloromethane	50	174	-	-	3	Sk
Ethanol	1,000	1,880	-	-	-	-

As published by the Safe Work Australia or Department of Labour New Zealand.

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.

Carcinogen Category 3 - substances suspected of having carcinogenic potential. The available information is not adequate for making a satisfactory assessment.

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.

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If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" 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. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

**Personal protection equipment:** YELLOW: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, RESPIRATOR.

#### *MANUFACTURING, PACKAGING AND TRANSPORT:*

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber 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.

#### *RECOMMENDATIONS FOR CONSUMER USE:*

Wear gloves. Avoid inhaling vapour. Wash hands after use.

**Hygiene measures:** Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid skin and eye contact and inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** White, viscous liquid with a characteristic odour.

<b>Solubility:</b>	Dispersible in water.
<b>Relative Density (20 °C):</b>	1.15
<b>Relative Vapour Density (air=1):</b>	2.9
<b>Vapour Pressure (20 °C):</b>	39 kPa
<b>Flash Point (°C):</b>	N Av
<b>Flammability Limits (%):</b>	N Av
<b>Autoignition Temperature (°C):</b>	N Av
<b>% Volatile by Volume:</b>	94
<b>Melting Point/Range (°C):</b>	N Av
<b>Boiling Point/Range (°C):</b>	40
<b>Decomposition Point (°C):</b>	N Av
<b>pH:</b>	10 (Neat)
<b>Viscosity (40 °C):</b>	>21 mm <sup>2</sup> /sec
<b>Total VOC (g/Litre):</b>	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

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## 10. STABILITY AND REACTIVITY

**Reactivity:** No reactivity hazards are known for the material.

**Chemical stability:** This material is thermally stable when stored and used as directed.

**Hazardous reactions:** Reacts with amines. May react with aluminium or light alloys releasing gas and causing a subsequent pressure build up in the container.

**Conditions to avoid:** Elevated temperatures and sources of ignition.

**Incompatible materials:** Incompatible with oxidising agents, amines, aluminium and light alloys.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, smoke and other toxic fumes. Including hydrogen chloride and phosgene.

## 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 an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

**Skin contact:** Contact with skin will result in irritation. A component of this material can be absorbed through the skin with resultant toxic effects.

**Ingestion:** Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lungs and causing subsequent complications.

**Eye contact:** An eye irritant.

### Acute toxicity

**Inhalation:** This material has been classified as non-hazardous.

**Skin contact:** This material has been classified as non-hazardous.

**Ingestion:** This material has been classified as non-hazardous.  
Acute toxicity estimate (based on ingredients): >2,000 mg/Kg

*For the constituent:*

*DICHLOROMETHANE*

*Oral LD50 (rat):* 2,100 mg/kg.

**Corrosion/Irritancy:** Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes).

Skin: this material has been classified as a Category 2 Hazard (irritant to skin).

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**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser.  
Skin: this material has been classified as not a skin sensitiser.

**Aspiration hazard:** This material has been classified as non-hazardous.

**Specific target organ toxicity (single exposure):** This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in respiratory irritation and depression of the central nervous system.

## Chronic Toxicity

**Mutagenicity:** This material has been classified as non-hazardous.

**Carcinogenicity:** This material has been classified as a Category 2 Hazard.

*For the constituent:*

**DICHLOROMETHANE**

*A chronic inhalation study in mice has shown that dichloromethane is carcinogenic in this species. Malignant tumours were observed in both the liver and lung at levels well above the occupational Exposure Standard. However, additional studies in the mouse, rat and hamster have shown no significant evidence of a carcinogenic effect.*

*The carcinogenic effect in mice is considered specific to this species and is unlikely to occur in humans. This is due to well established differences in the metabolic pathways between rodents and humans.*

*Several major studies in human workers have shown no causal relationship between exposure to methylene chloride and an increase in the incidence of cancer.*

*This material has been classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B - The agent is possibly carcinogenic to humans.*

**Reproductive toxicity (including via lactation):** This material has been classified as non-hazardous.

**Specific target organ toxicity (repeat exposure):** This material has been classified as a Category 2 Hazard. Exposure via oral, dermal or inhalation may result in effects on the blood.

*For the constituent:*

**DICHLOROMETHANE**

*Dichloromethane is converted to carbon monoxide in the body which reduces the oxygen carrying capacity of the blood. This is reflected in raised carboxyhaemoglobin levels in the blood.*

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute aquatic hazard:** No information is available to complete an assessment.

**Long-term aquatic hazard:** No information is available to complete an assessment.

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available.

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**Mobility:** No information available.

## 13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land". Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in packaging, IBC's or any other receptacles not exceeding 500 Kg(L).

**UN No:** 1593  
**Dangerous Goods Class:** 6.1 Toxic  
**Packing Group:** III  
**Hazchem Code:** 2Z  
**Emergency Response Guide No:** 37

**Proper Shipping Name:** DICHLOROMETHANE

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:** 1593  
**Dangerous Goods Class:** 6.1 Toxic  
**Packing Group:** III

**Proper Shipping Name:** DICHLOROMETHANE

### 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:** 1593  
**Dangerous Goods Class:** 6.1 Toxic  
**Packing Group:** III

**Proper Shipping Name:** DICHLOROMETHANE

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## 15. REGULATORY INFORMATION

**This material is not subject to the following international agreements:**

Montreal Protocol (Ozone depleting substances)  
The Stockholm Convention (Persistent Organic Pollutants)  
The Rotterdam Convention (Prior Informed Consent)

**This material is subject to the following international agreements:**

Basel Convention (Hazardous Waste)

- Wastes from production, formulation and use of resins, latex, plasticizers, glues/adhesives

International Convention for the Prevention of Pollution from Ships (MARPOL)

- Annex III - Harmful Substances carried in Packaged Form

**This material/constituent(s) is covered by the following requirements:**

- The Standard for the *Uniform Scheduling of Medicines and Poisons (SUSMP)* established under the *Therapeutic Goods Act (Commonwealth)*.
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)*.

## 16. OTHER INFORMATION

### Literary reference

This Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd ([chemdata.com.au](http://chemdata.com.au)) on behalf of its client.

Reason(s) For Issue: Format change.

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

This SDS 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 DuluxGroup (Australia) Pty Ltd and DuluxGroup (New Zealand) Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS 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.