

Safety Data Sheet:

SECTION 1: Identification of the Material and Supplier

Product Name: Lightning Paint Stripper
Recommended Use: Methylene chloride based paint stripper
Company Name: Commercial Coatings Manufacturers Ltd
Address: P.O. Box 33 529,
Takapuna, Auckland 0622.
Phone: 09 483 4833
Emergency Phone: New Zealand Poisons Centre 0800 764 766

Section 2: Hazards Identification

Hazard Classification: Classified as Dangerous Good under NZS 5433:2007

Substance Classification: 6.1D, 6.3A, 8.3A, 6.6B, 6.7B, 6.8B, 6.9B, 9.3C

Hazard Statements: Causes skin irritation
Harmful to aquatic life
Keep out of reach of children and pets.
Do NOT induce vomiting if swallowed.

Section 3: Composition/Information on Ingredients

Ingredients:	%	CAS No
Methylene Chloride	90% - 96%	75-09-2
Ammonia 910	0.5%+/- .1	7664-41-7
Other ingredients	4% - 10%	Proprietary

Section 4: First Aid Measures

Eyes: Severely irritating to eyes
Swallowed: Do not induce vomiting. Give glass of water and call NZ Poisons Centre
Skin: Removes oils and dries skin. Wash contaminated area with warm water and
Remove to fresh air and allow to recover. If patient is uncomfortable call doctor.
Inhaled:
Chronic Health Affects: None Identified
Advice to Doctors: Treat Symptomatically

Section 5: Fire Fighting Measures

Extinguisher: Foam, Carbon Dioxide, Dry Chemical
Hazards from Burning: Will emit toxic fumes on burning. Phosgene, Hydrogen chloride and carbon monoxide
Precautions for firefighters: Keep containers cool. Wear breathing apparatus and protective clothing.
Flash Point: >90°C will not support combustion.

Section 6: Accidental Release Measures

- Emergency Procedures:** Keep onlookers away and avoid breathing vapours or dust.
Prevent spills from entering sewers or waterways.
- Minor Spills:** Clean up immediately.
Use absorbent clean materials such as sawdust
Keep spills and cleaning runoffs out of sewers and waterways
Wear protective clothing and breathing equipment
Sweep up
Store in separate container for recovery/disposal
- Major Spills:** **Contain spill with inert materials such as sand**
Keep spills out of sewers and waterways
Restrict access to area
Notify Fire Brigade
Wear protective clothing and breathing equipment
Stop leak if safe to do so.
Collect recoverable material into labeled containers and dispose in accordance with local by-laws and regulations.

Section 7: Handling & Storage

- Precautions for Safe Handling:** Keep out of reach of children. Avoid skin and eye contact. Avoid all Potential sources of ignition.
- Storage Condition:** Storage temperatures 1°C - 40°C
Avoid damaging containers. Keep lids on securely when not in use.
Do not store with food products.

Section 8 Exposure Control / Personal Protection

- Occupational Exposure Limit:** No value assigned for this product but individual raw materials are:

Methylene chloride 50ppm (174mg/m³)
- Personal Protection:**
- Eyes:** Use approved eye safety glasses when applying any paint
- Hands/Feet:** Protective Cover-All's. PVC or rubber gloves and approved safety boots.
- Breathing Apparatus:** Not required

Section 9: Physical & Chemical Properties

- Form:** liquid
- Appearance:** Clear hazy viscous liquid
- Colour:** Clear Hazy
- Odour:** Sweet solvent smell
- Vapour Pressure:** 584 hPa @ 25° C
- Vapour Density (air = 1):** 2.9
- Solubility in water:** miscible.
- Boiling Point:** 42°C
- Specific Gravity:** 1.22 kg/L
- pH:** Neutral
- Volatile component:** 95%
- Flash Point:** No Data Available
- Flamability:** Not Flamable.
- Explosion Property:** Moderate/Severe in a confined space in the presence of a source of ignition
- Molecular weight:** 46
- Oxidising Property:** Acidic Substances. No reaction to alkalis.

Section 10: Stability & Activity

Chemical Stability:

Stable under normal handling and storage conditions

Conditions to avoid:

Avoid contact with foodstuffs, contact with heat and ignition sources.

Avoid contact with strong oxidizing agents.

Hazardous Decomposition:

Only on burning are toxic fumes given off. See Fire Fighting measures.

Products:

phosgene, Hydrogen chloride, Oxides of carbon

Possibility to Hazardous Reactions:

Risk of explosion with:

Alkali metals

nitrogen oxides

nitrogen dioxide

Potassium

sodium azide

perchloric acid

Nitric acid

aluminium chloride

Amines

Oxygen (as liquefied gas)

powdered aluminium

sodium

aromatic hydrocarbons with powdered aluminium

Exothermic reaction with:

Alkaline earth metals

Powdered metals

amides

alcoholates

nonmetallic oxides

potassium tert-butanolate

sodium amide

Lithium

Section 11: Toxicological Information

Ingestion:	Harmful if swallowed. Will burn and cause pain to throat, trachea, respiratory tract and gastrointestinal tract.
Eye Contact:	Severe irritant to eye membranes, get medical attention after cleaning with water.
Skin Contact:	The product will cause pain and burns to the skin. May have anesthetic effect This product when in contact with skin can increase in severity over time causing blisters and burns. It is important to wash skin contamination off immediately and thoroughly.
Inhalation:	Vapours may be harmful and may cause discomfort and be irritating to the upper respiratory tract. Possible symptoms are light headedness, nausea and possible unconsciousness at high concentrations.
Chronic affects:	<p>The product contains methylene chloride a substance suspected of causing cancer and may cause damage to organs through prolonged and repeated exposure by oral, dermal or inhalation exposure routes. Adverse effects may occur to blood, hematopoietic system and kidneys.</p> <p>Toxological information: Oral LD50 Rat; 1410mg/kg.</p>

Section 12 Ecological Information

Ecotoxicity:	Avoid contaminating waterways.
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Section 13: Disposal Considerations

Disposal methods:	<p>For large quantities consult a licensed waste contractor.</p> <p>For small quantities: do not pour leftover paint down drains. Leftover paint can be disposed of by brushing on to cardboard and allowing to dry. The dried material can then be disposed of in landfill. Check for recycling of containers in a recycling programme.</p>
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Section 14: Transport Information

UN Number:	UN1593
Dangerous Goods Class:	6.1 Toxic and Infectious Substances - Toxic Substances
Hazchem Code:	2Z
Packaging Group:	III
Shipping Name:	DICHLOROMETHANE
EPG	37 Toxic And/Or Corrosive Substances Non-Combustible

Section 15: Regulatory Information

Group Standard:	HSR002531; Cleaning products Toxic (6.7) Group Standard 2006. Refer www.ermanz.govt.nz for information on controls.
Approved Handler:	Not Required for general use.

Section 16: Other Information

Date of Preparation: 8th August 2023
References: SDS's for raw materials

Abbreviations:
CAS No Chemical Abstract Service number
TWA Time weighted average

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