

MATERIAL SAFETY DATA SHEET

This product is classified as a Hazardous Substance according to criteria of NOHSC Australia
Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code for transport by Rail and Air

1. IDENTIFICATION OF THE MATERIAL

Product Name: Ink Stripper
Other Names: Ink remover
Product Code: T/S - B
Supplier: GSB Chemical Co. Pty. Ltd
ACN 004 355113
84 Camp Road
Broadmeadows Vic. 3047

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Major Uses and Methods of Application: For removing dried ink and varnish from metal surfaces. Applied by brush.

2. COMPOSITION

	CAS No.	PROPORTION
Dichloromethane	75-09-2	> 60 % w/w
Methanol	67-56-1	< 10 % w/w
Aromatic hydrocarbons	64742-94-5	< 10 % w/w
Petroleum hydrocarbons	64742-95-6	< 10 % w/w
Waxes & Surfactants		< 10 % w/w

3. HAZARDS IDENTIFICATION

Risk Phrases: Toxic by inhalation and if swallowed
Harmful
Possible risks of irreversible effects

Poisons Schedule: S6

4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 13 1126, New Zealand 0 800 764766)

Swallowed: Do NOT induce vomiting. Give glass of water and contact doctor

Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek medical attention.

Skin: Flush skin with flowing water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention Decontaminate clothing before re-use or discard

Inhalation: If symptoms of overexposure are evident remove to fresh air. If unconscious check pulse and breathing and commence CPR if necessary. Seek medical attention.

Advice to Doctor: Treat symptomatically, gastric lavage should only be undertaken after endotracheal intubation.

5. FIRE FIGHTING MEASURES

Specific Hazards: Product will not burn in isolation however if involved in a fire the products of combustion include phosgene gas, hydrochloric acid, chlorine gas, carbon monoxide and carbon dioxide. Use dry chemical, foam, CO₂ or water spray (fog).

6. ACCIDENTAL RELEASE MEASURES

Increase ventilation. Evacuate all unnecessary personnel. Use self-contained breathing apparatus (S.C.B.A) and full protective clothing to minimise exposure. Place inert absorbent (vermiculite, sand, etc.) on to material and collect with non sparking tools into a suitable labelled container for safe disposal.

Dispose absorbed and unrecoverable material to an approved site. Consult local authority

7. HANDLING AND STORAGE

Handling: Dangerous goods class 6. Keep containers in a cool well ventilated area. Use in well ventilated area. Exhaust hood - 30 cm/sec. Note that vapours are heavier than air.

Storage: Do not store near strong oxidising agents. Store away from direct sunlight as the product commences boiling at 40 Deg C.

8. EXPOSURE AND PERSONAL PROTECTION

Personal Protection: Not established, recommended value 250 mg/m³

Eye protection: Safety glasses, goggles or faceshield as required

Hand Protection: PVC, neoprene or nitrile rubber gloves

Footwear: Rubber boots

Respiratory Protection: If airborne concentrations are likely to exceed the Exposure Standard, wear approved organic vapour respiratory protection (AS/NZS 1715 and 1716). In high vapour concentrations, wear an air-supplied hood.

Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate.

Engineering Controls: General (mechanical) room ventilation plus special local exhaust ventilation at points where vapour could escape to the work environment. All ventilation equipment must be fitted with flame and explosion proof electrical fittings

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick, translucent liquid. Characteristic, pungent odour

Boiling Range: 40 - 200°C (760 mmHg)

Melting Point: -89 °C

Vapour Pressure: 50 kpa (20 deg C)

Vapour Density: 2.9

Specific Gravity: 1.22

Flash Point: none

Volatiles by volume: 90%

Solubility in water: dispersible

10. STABILITY AND REACTIVITY

Stable under normal conditions

11. TOXICOLOGICAL INFORMATION

- Toxicological Information: Harmful. LD50 (rat) 2500mg/kg.
Based on product data for Dichloromethane
This product is classified as Category 3 carcinogen according to NOHSC. Available information indicates cause for concern for humans although available experimental data for genotoxicity, reproductivity (fertility), foetal development is not demonstrated for satisfactory assessment.
- No adverse health effects expected if the product is handled in accordance with this MSDS and product label.
Symptoms or effects that may arise if the product is misused and overexposure occurs are:
- Swallowed: Irritant to mouth, throat and digestive tract. Large dose may cause drowsiness and lead to unconsciousness. If aspirated into lungs can cause serious lung inflammation and may be fatal.
- Eye: Severe irritant. Corneal damage possible with prolonged contact.
- Skin: Irritant. May cause dermatitis, liquid & vapour may be absorbed through the skin with subsequent toxic effects.
- Inhalation: High concentrations may cause depression, dizziness, nausea, and headache. Irritation of mucous membranes and respiratory tract are possible. Aspiration (e.g. during vomiting) into the lungs can cause serious (even fatal) pneumonitis. TLV - 250 mg/cu.m

12. ECOLOGICAL INFORMATION

- Ecological effects: Information based on product major constituent – Dichloromethane
Keep out of sewers, storm drains, surface waters and soil. Maybe harmful to aquatic organisms
Not readily biodegradable 5 – 26% after 28 days
Biodegradable in the presence of adapted micro-organisms: 99.7% after 60 days

13. DISPOSAL

Spilled liquid may make floors and surfaces slippery.
Shut off all sources of ignition, contain spill and recover spilled for safe disposal. Remainder can be soaked into an inert absorbent (vermiculite, sand, etc.).
Dispose absorbed and unrecoverable material to an approved site.
Consult local authority.

14. TRANSPORT INFORMATION

U.N. Number:	2180	Hazchem Code:	2X
D. G Class:	6	Packaging Group:	III
Poison Schedule:	6		

Dangerous goods class 6, Store and Transport in accordance with the appropriate dangerous goods regulations.

15. REGULATORY INFORMATION

Packaging Group III. Poisons schedule S6.Class 6. Hazchem 2X.

Risk Phrase: R40 Possible risks of irreversible effects
R23/25 Toxic by inhalation and if swallowed
Safety Phrase: S23 Do not breathe vapour
S24/25 Avoid contact with skin/eyes
S7 Keep container tightly closed
S16 Keep away from sources of ignition
S45 In case of accident or if you feel unwell, seek medical advice
Hazard Category: Xn - Harmful, Methylene Chloride > 1%, T – Toxic, Methanol > 3%

16. OTHER INFORMATION

Contact: Technical Manager
Telephone (03) 94571125

The information and recommendations in this publication are to the best of our knowledge accurate at the time of publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or process. Nothing herein is to be construed as warranty, expressed or implied. In all cases, it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular use.

END OF MSDS