

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: Spray Gun Cleaner
Product Code: sgc
Supplier: GSB Chemical Co. Pty. Ltd
ACN 004 355113
84 Camp Road
Broadmeadows Vic. 3047
Telephone: +61 03 9457 1125
Facsimile: +61 03 9459 7978
Internet: www.gsbchem.com.au
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Major Uses and Methods of Application: For removing dried paint and varnish from spray guns.

2. COMPOSITION

	CAS No.	PROPORTION
Dichloromethane	75-09-2	> 60 % w/w
Methanol	67-56-1	10 - < 30 % w/w
Aromatic hydrocarbons	64742-94-5	< 10 % w/w
Ketones	78-93-3	< 10 % w/w
Surfactants		< 10 % w/w
Ammonia	7664-41-7	

3. HAZARDS IDENTIFICATION

Risk Phrases: Limited evidence of a carcinogenic effect
Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

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

Not established, for the mixture.

Worksafe Australia Exposure Standard [NOHSC:1003(1995)]: for Individual components:

Dichloromethane -TWA 50ppm (174 mg/ m³), Carc. Cat.3,Sk

Methanol - TWA 200ppm (262 mg/ m³),TWA 250ppm(328 mg/ m³),Sk

TWA – 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 work day.

“Sk “ Notice – absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such exposure occurs

Personal Protection:

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: Yellow liquid. Characteristic, pungent odour
Boiling Range: 33 - 102°C (760 mmHg)
Vapour Pressure: 50 kpa (20 deg C)
Vapour Density: 2.9
Specific Gravity: 1.02
Flash Point: none
Volatiles by volume: >90%
Solubility in water: insoluble

10. STABILITY AND REACTIVITY

Stable under normal conditions

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Based on product data for Dichloromethane
This product is classified as Category 3 carcinogen according to NOHSC. There is a cause for concern for humans owing to possible carcinogenic effects available information is not adequate for making a 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: Harmful. LD50 (rat) 2500mg/kg. 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 (Eg. during vomiting) into the lungs can cause serious (even fatal) pneumonitis.

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 microorganisms: 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

Risk Phrase: R40 Possible risks of irreversible effects
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
R23/25 Toxic by inhalation and if swallowed
R68/20/21/22 Harmful possible risk of irreversible effects through inhalation, in contact with skin 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

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