

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: Complete Metering Roller Cleaner
Other Names; Complete MRC
Product Code: JdS Bk 2, pg 155
Supplier: GSB Chemical Co. Pty. Ltd Telephone: +61 03 9457 1125
ACN 004 355113 Facsimile: +61 03 9459 7978
84 Camp Road Internet: www.gsbchem.com.au
Broadmeadows Vic. 3047 e-mail: info@gsbchem.com.au

Major Uses and Methods of Application: Metering roller cleaner used direct from container. Applied with a cloth.

2. COMPOSITION

	CAS No.	PROPORTION
Ethyl alcohol	64-17-5	10 < 30 % w/w
Ethylene glycol alkyl ether		30 - 60% w/w
2-Propanone	67-64-1	< 10% w/w
Solvent Naphtha, light aliphatic	64742-89-8	30 - 60% w/w

3. HAZARDS IDENTIFICATION

Risk Phrases: Highly Flammable
May cause cancer
Harmful may cause lung damage if swallowed

Poison Schedule: S6

4. FIRST AID MEASURES

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

Swallowed: Rinse mouth with water. If swallowed DO NOT INDUCE vomiting. Give a glass of water. Seek medical attention

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

Skin: Remove contaminated clothing, wash skin thoroughly with soap and water. Wash contaminated clothing before reuse

Inhalation: Remove source of contamination or move person to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

- Specific Hazards: Flammable liquid. Combustion products include oxides of carbon. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour / air mixtures may ignite explosively and flashback along the vapour trail may occur.
- Fire fighting advice: Do not use water in a jet
Use water spray to cool adjacent containers or structures. Wear self-contained breathing apparatus and protective clothing.
- Suitable Extinguishing Media: Use dry chemical (Carbon dioxide or dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

- Spills: Spilled liquid may make floors and surfaces slippery. Contain spill and recover spilled liquid for safe disposal. Remainder can be soaked into an inert absorbent (vermiculite, sand, etc.) and residual washed off.

7. HANDLING AND STORAGE

- Handling: Use in well ventilated area. Take precautionary measures against static discharges
Avoid skin and eye contact and breathing in vapour
- Storage: Dangerous goods class 3, Store and Transport in accordance with the appropriate dangerous goods regulations. Do not store near strong oxidising agents.

8. EXPOSURE AND PERSONAL PROTECTION

Not available for the product
Worksafe Australia Exposure Standard [N0HSC:1003(1995)]: for the individual components:
2-Propanone TWA 500ppm (11185g / m³), STEL 1000 (2375 mg/ m³)
Ethyl alcohol TWA 1000ppm (1880mg / m³)
Ethylene glycol alkyl ether TWA 100ppm (369g / m³), STEL 150 (553 mg/ m³)

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.

Personal Protection:

- Eye protection: Safety glasses, goggles or face shield as required
Hand Protection: PVC, neoprene or nitrile rubber gloves
Footwear: Rubber boots
Respiratory Protection: No special ventilation required

Safety showers with eyewash should be provided in all areas where product is handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid.
Boiling Range: 45 - 128 °C
Specific Gravity: 0.83@20°C
Flash Point ASTM D 93: Not available
Solubility in water: partially miscible
Volatiles by volume: > 97%

10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage. Carbon dioxide and carbon monoxide may form when heated to decomposition.
Conditions to avoid: Reacts with strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

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. 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: Moderate irritant

Skin: Can cause defatting and hence drying out of the skin.

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.

12. ECOLOGICAL INFORMATION

Keep out of sewers, storm drains, surface waters and soil

Aquatic Toxicity: Not Available for the product.
Based on the components and ecotoxicity of similar products expected to be toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

Prevent material from entering waterways and drainage systems.
When released into the soil, may evaporate and biodegrade to a moderate extent.
When released into the water, may biodegrade to a moderate extent.
When released into the air, may be moderately degraded by photo-chemical reactions.
Has the potential to bioaccumulate.

3.DISPOSAL

For small spills or drips, wipe up and dispose in approved waste container. For large spills, contain and pump into waste containers for disposal by an approved method recover spilled liquid for safe disposal. Remainder can be soaked into an inert absorbent (vermiculite, sand, etc.) and residual washed off. Dispose absorbed and unrecoverable material to an approved site. Consult local authority.

14. TRANSPORT INFORMATION

U.N. Number:	1993	Hazchem Code:	3[Y] E
D. G Class:	3	Packaging Group:	III

15. REGULATORY INFORMATION

Risk Phrase:	R11 Highly Flammable R45 May cause cancer R65 Harmful may cause lung damage if swallowed
Safety Phrase:	S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) S53 Avoid exposure obtain special instructions before use
Poison Schedule:	S6

16. OTHER INFORMATION

Contact:	Technical Manager Telephone (03) 94571125
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END OF MSDS